

1 **2003 08-14 CH25 OPS ENG 1215hrs.WAV**

2 MISO/Rob Benbow: (Tape begins in
3 mid-sentence.) -- the Wabash River, then?

4 SPEAKER: Yeah. That's where my --

5 MISO/Rob Benbow: That's where your --

6 SPEAKER: -- (Inaudible.) at now.

7 MISO/Rob Benbow: Because I am trying to
8 find -- if I can find a flow gate in the IDC, I can get
9 some GSFs, some generation shift factors, and can tell
10 them -- you know, give them an idea where they -- they
11 probably already know where they've got to back down
12 and pick up.

13 But basically that's the Wabash River,
14 anything to the east of Indianapolis is where they need
15 to pick it up, then?

16 SPEAKER: Uh-huh.

17 MISO/Rob Benbow: Okay.

18 SPEAKER: I'm afraid where we're sitting
19 right now, if we lose the line out at Wabash River,
20 we'll probably lose that station.

21 MISO/Rob Benbow: All right.

22 SPEAKER: Okay. Well, let me get a hold
23 of him and emphasize that he needs to start backing

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1 those off and see where we can pull set the other side.

2 MISO/Rob Benbow: Okay.

3 SPEAKER: And I'll get back with you over
4 at PSI.

5 MISO/Rob Benbow: Sounds good. All right.

6 SPEAKER: Thanks, folks.

7 MISO/Rob Benbow: All right. Bye.

8 SPEAKER: Bye.

9 SPEAKER: Still there, Rob?

10 MISO/Ron Mihbachler: I'm still here.
11 This is Ron MIhlbachler.

12 Cinergy/Spencer: Hey, Ron. It's Spencer.

13 MISO/Ron Mihbachler: Yes, Spencer. I
14 kind of got filled in here on the last minute, I guess.

15 I guess I understand that we lost a couple of minutes,
16 Bedford-Columbus, Bloomington to Columbus?

17 Cinergy/Spencer: Yeah. We restored part
18 of that Bloomington to Columbus. At least we restored
19 the end from Columbus to Columbus, Denoi (Phonetic.)
20 Creek.

21 MISO/Ron Mihbachler: Okay.

22 Cinergy/Spencer: I'm overloading the 230
23 line out of Wabash River toward Kokomo, Highland Park,

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1 goes through Whitesville. I'm trying to get them to
2 get generation off of there at Wabash River before we
3 cascade into bigger problems, flash to Whitesville.

4 MISO/Ron Mihbachler: That's the 230.
5 I've seen --

6 Cinergy/Spencer: 2301 line.

7 MISO/Ron Mihbachler: Okay.

8 Cinergy/Spencer: That's what we call it.

9 MISO/Ron Mihbachler: I see three 230
10 lines coming out of Wabash River on our e-car map,
11 Wabash to Staunton.

12 Cinergy/Spencer: Yeah. That one is not
13 carrying much load because I lost some underlying 138.
14 So for that line, it doesn't have much load on it.
15 That's kind of added to our problems there on the other
16 line.

17 MISO/Ron Mihbachler: And then the other
18 one, I guess, Wabash to Kokomo, which is the --

19 Cinergy/Spencer: 2301.

20 MISO/Ron Mihbachler: Okay. That's the
21 same -- Wabash to Whitesville is --

22 Cinergy/Spencer: Right. That's correct.

23 MISO/Ron Mihbachler: Okay.

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1 Cinergy/Spencer: We happened to lose that
2 line. That's all over but the crying. We need to get
3 that under control.

4 MISO/Ron Mihbachler: Okay.

5 Cinergy/Spencer: Not a good day in the
6 neighborhood.

7 MISO/Ron Mihbachler: No. I'm sure you've
8 had better days.

9 Cinergy/Spencer: Yeah.

10 MISO/Ron Mihbachler: Should I get Rob
11 here back with you?

12 Cinergy/Spencer: Yeah. I'm not too
13 worried about it.

14 Cinergy/Spencer: Whatever.

15 Cinergy/Spencer: The -- thinking on that
16 2301 line loading, we're not overloaded yet. We're
17 just under its rating a little bit. So I had an alarm
18 wrong on it, but it's still loaded heavily.

19 MISO/Ron Mihbachler: That's what we need?
20 That's the direction to flow to?

21 MISO/Ron Mihbachler : Actually, the
22 direction of flow would be Wabash River to Whitesville
23 South.

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1 Cinergy/Spencer: That's correct.

2 Cinergy/Spencer: Yeah.

3 Cinergy/Spencer: Wabash River to
4 Whitesville South.

5 MISO/Ron Mihbachler : That's correct.
6 Set a flow gate for that.

7 MISO/Ron Mihbachler: The Columbus to
8 Bedford line, that's 138. Sir?

9 Cinergy/Spencer: Yes.

10 MISO/Ron Mihbachler: Still there? The
11 Columbus to Bedford line that was -- that went out --

12 Cinergy/Spencer: Pardon me?

13 MISO/Ron Mihbachler: The Columbus to
14 Bedford.

15 Cinergy/Spencer: Yes?

16 MISO/Ron Mihbachler: Is that the 138,
17 Columbus to Seymour?

18 Cinergy/Spencer: No. We opened that
19 because it was overloading.

20 MISO/Ron Mihbachler: Okay.

21 Cinergy/Spencer: So we did open that
22 line, make it radial to get rid of our overload. I
23 guess an order of what happened, the 345 line tripped

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1 from Columbus to Bedford, which can cause overloads on
2 that underlying 138 line from Bedford through to
3 Seymour. So we opened the line at Seymour, 13829 line.

4 MISO/Ron Mihbachler: Okay.

5 Cinergy/Spencer: And it was shortly after
6 that that Bloomington to Columbus line tripped out. We
7 think we've got a phase open between Bloomington and
8 Columbus, Denoi Creek.

9 I don't think we've got severe customer
10 outages, but our system is not setting very well,
11 especially considering we've probably got more load
12 coming over the next three to four hours.

13 MISO/Ron Mihbachler: Right.

14 MISO/Ron Mihbachler: Okay. Is that
15 Spencer?

16 Cinergy/Spencer: Yes.

17 MISO/Ron Mihbachler: Yeah. We've got a
18 new flow gate number for that. It's 11634.

19 Cinergy/Spencer: For which?

20 MISO/Ron Mihbachler: For the Wabash River
21 to Whitesville.

22 Cinergy/Spencer: Right, right.

23 Cinergy/Spencer: So if it gets some

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1 generation back off at Wabash River, it will help me a
2 ton because it will have to sustain an outage to the
3 Wabash River to Clinton line. And that would be our
4 next worst outage or Wabash River to Clinton to Cayuga,
5 anywhere in that line.

6 MISO/Ron Mihbachler: Okay. Yeah. I can
7 see that.

8 Cinergy/Spencer: It's got a couple of
9 hundred megawatts on it.

10 (Break in tape.)

11 MISO/Ron Mihbachler: Hang on just a
12 second.

13 Are you putting that up as a PTDF?

14 SPEAKER: Yeah.

15 MISO/Ron Mihbachler: Okay. You could set
16 it up as an OTDF for loss of Wabash River to Clinton or
17 to Cayuga, the OTDB.

18 Cinergy/Spencer: That will work.

19 (Break in tape.)

20 Cinergy/Spencer: I haven't seen any
21 drop-off in load there -- or generation. Excuse me.

22 MISO/Ron Mihbachler: They haven't issued
23 the TLR on it yet.

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1 Cinergy/Spencer: What's that?

2 MISO/Ron Mihbachler: I don't think
3 they've -- they haven't TLRed that flow gate yet.

4 Cinergy/Spencer: Yeah.

5 MISO/Ron Mihbachler: But it will get --

6 Cinergy/Spencer: That's what -- they're
7 setting up a TLR now for that Wabash River to
8 Whitesville, the Highland Park line.

9 Cinergy/Spencer: Pardon me?

10 Cinergy/Spencer: Probably the major
11 players anyway. I haven't really got that 13867 in to
12 them yet.

13 MISO/Ron Mihbachler: Yes, sir?

14 SPEAKER: What are you recommending?

15 MISO/Ron Mihbachler: The back one off of
16 Wabash to Clinton or to Cayuga. I'm not sure how it's
17 going to be -- how it's on there. It's the other 230
18 line out of Wabash.

19 MISO/Rob Benbow: Who's on here, somebody
20 from Cinergy or TSS?

21 MISO/Ron Mihbachler: Yeah. Spencer is on
22 here right now.

23 MISO/Rob Benbow: I'm seeing some

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1 contingencies off of the loss of that 345 line from
2 Gibson to Ramsey.

3 MISO/Ron Mihbachler: Okay.

4 MISO/Rob Benbow: Petersburg to Thompson,
5 345 line showing up.

6 Cinergy/Spencer: Yeah. It doesn't
7 surprise me. You're probably already loaded pretty
8 heavy on that guy, aren't you?

9 MISO/Rob Benbow: Yeah. It looks -- that
10 looks pretty battered, some other ones on there, too.
11 I'm not real familiar with some of these names that are
12 showing up on our state estimator here. But that one
13 there's got some -- are you guys seeing any voltage
14 problems somewhat?

15 Cinergy/Spencer: Voltage is definitely
16 weak.

17 MISO/Rob Benbow: Uh-huh.

18 Cinergy/Spencer: Yeah. We've got --

19 MISO/Rob Benbow: Some other ones that are
20 shown --

21 Cinergy/Spencer: We've got some 138
22 voltages in the 132 range, which is not horrible. I've
23 seen worse.

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1 MISO/Rob Benbow: I don't know if this is
2 Bedford to -- I don't know -- NTA. I don't know what
3 comes out of Bedford there. I'll have to look on a
4 print. Bedford. Bedford.

5 MISO/Ron Mihbachler: Rob, I've got the
6 ECAR map over here. I've got ECAR map.

7 MISO/Ron Mihbachler : Okay. Bedford.
8 Let me get a second. I'll run dispatch and show you
9 what's going on.

10 MISO/Rob Benbow: Are they moving from
11 generation around pretty good?

12 Cinergy/Spencer: Well, I hope so, but it
13 doesn't look like it's getting there very fast.

14 MISO/Rob Benbow: I mean, we could TLR one
15 of these flow gates, but, I mean, I don't know how much
16 of that -- they're creating one right now in the IDC
17 thing.

18 MISO/Ron Mihbachler: Yeah. The flow gate
19 that we're setting up unless you can think of a better
20 one would be the Wabash to Whitesville for loss of the
21 Wabash to Clinton.

22 MISO/Rob Benbow: Okay. I don't know how
23 -- I mean, that will give some transactions on the 230

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1 kV. I'm not sure where the -- trying to see where the
2 big push is. That's kind of a -- one of the -- I don't
3 know -- northwest side of Indy. And the 345 overloads
4 are to the south part of Indy, it looks like, --

5 MISO/Ron Mihbachler: Yeah.

6 MISO/Rob Benbow: -- which, I mean, you've
7 got -- I know if you've got one on the highway, that
8 Gibson to Ramsey 345 for the loss of Petersburg to
9 Thompson 345, you probably definitely can get some
10 relief there because that's a big -- I mean, you've got
11 two 345 lines for the loss of each other.

12 So there's got to be some kind of
13 transactions impacting that flow gate. The other thing
14 is I guess we need to get the IDC up to date as far as
15 what outages are out there --

16 Cinergy/Spencer: Right.

17 MISO/Rob Benbow: -- so we can actually
18 get some relief if we had to go in and make cuts
19 because we will need to know the topology of the
20 system.

21 Cinergy/Spencer: I've got a -- are you
22 still there, Ron?

23 MISO/Ron Mihbachler: Yes. Yes, I'm still

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1 here, Spencer.

2 Cinergy/Spencer: Well, one important
3 outage that I didn't list earlier will be the 138.
4 Let's see what all is out on it. One thirty-eight.

5 MISO/Rob Benbow: Out of Plainfield?

6 Cinergy/Spencer: Yeah, Plainfield to
7 Cloverdale, 13867 line. That's one reason why that
8 Staunton to Wabash River is not loaded very heavily,
9 because of this line down.

10 MISO/Rob Benbow: Yeah. We've got alarms
11 on that one.

12 (Break in tape.)

13 MISO/Rob Benbow: What time did this all
14 occur? Do you know exactly what time the 345 alarm
15 tripped?

16 Cinergy/Spencer: Well, I'll see if can go
17 back and grab it. The 345 we've got 11:08.

18 MISO/Rob Benbow: 11:08?

19 MISO/Don Hunter: 230,
20 Columbus-Bloomington. Denoi was 11:12.

21 MISO/Rob Benbow: Bedford, 345.

22 MISO/Ron Mihbachler: And there also was
23 the Columbus to Bloomington, 2:30. They opened that.

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1 Now they have some overloads, Wabash to Whitesville.

2 Cinergy/Spencer: We're just under the
3 rating to that Wabash to Whitesville, Wallahan
4 (Phonetic.).

5 MISO/Ron Mihbachler: Hey, Spencer,
6 where's Plainfield at with respect to Staunton?

7 Cinergy/Spencer: Let's see. I mean,
8 physically, of course, Plainfield is east of Staunton.

9 The 230 comes into Staunton, step down to 138. One
10 thirty-eight comes out of Staunton toward Cloverdale
11 and Plainfield. That's the line I've got out. The
12 13801 line is what we call it -- or excuse me -- 67
13 line, 13867 line from Cloverdale to Plainfield.

14 MISO/Ron Mihbachler: And, actually, it
15 must have loaded off that Staunton transformer, then?

16 Cinergy/Spencer: Yeah. There's not much
17 load on there.

18 MISO/Ron Mihbachler: Okay.

19 Cinergy/Spencer: There's two transformers
20 there, about, you know, 75 or so NDH. And we've got
21 IP&L. There's a bunch of flow gates that are --

22 (Break in tape.)

23 MISO/Rob Benbow: Petersburg to Lafayette,

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1 Petersburg-Thompson for IP&L. I was trying to find
2 something burning in the IDC that we can use.

3 MISO/Ron Mihbachler: Back down there at
4 Wabash.

5 MISO/Ron Mihbachler: Is that like a
6 phase-out on the Columbus-Bedford?

7 Cinergy/Spencer: Bloomington to Columbus,
8 Denoi Creek. That phases out on that line, I think.

9 MISO/Ron Mihbachler: Okay.

10 MISO/Ron Mihbachler: Two thirty?

11 Cinergy/Spencer: Yeah, 23018 line is what
12 we call it.

13 MISO/Ron Mihbachler: How about the 345
14 line? What problems do you think you have on that?

15 Cinergy/Spencer: I haven't heard a report
16 on that. I know the helicopters should be out flying
17 it by now, but I haven't heard a report on it yet.
18 It's like we're backing down the loading a little bit
19 on that 230 line out of Wabash River.

20 SPEAKER: Hey, Don.

21 Cinergy/Spencer: They aren't trying to
22 bring on any units at Wheatland, do you know? Are they
23 trying to?

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1 Cinergy/Spencer: Yeah. I saw a voltage
2 regulator alarm come in. Those units coming on at
3 Wheatland aren't going to help anybody. They're
4 going to push that 345 loading even higher.

5 MISO/Rob Benbow: You can use one if you
6 want. That's mine right there.

7 MISO/Rob Benbow: We've got a flow gate in
8 there for IP&L, Don, that's that 95 percent at
9 Petersburg to Thompson. I don't -- has anybody talked
10 to IP&L?

11 MISO/Rob Benbow: What's that?

12 SPEAKER: Is this Doug?

13 MISO/Rob Benbow: Hey, Doug, this is Joe.

14 Cinergy/Spencer: Hey, Joe, this is
15 Spencer. I'm on this line still.

16 MISO/Rob Benbow: Is somebody still on
17 here?

18 Cinergy/Spencer: Yeah, this is Spencer.
19 Are you going around?

20 MISO/Rob Benbow: I'm going to hang up and
21 get IP&L.

22 Cinergy/Spencer: Okay.

23 MISO/Rob Benbow: Can you go ahead and get

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1 a line and get --

2 MISO/Ron Mihbachler: Don, do we have a
3 flow gate set up for that Wabash to Whitesville? Okay.

4 Yes. Spencer?

5 Cinergy/Spencer: Yeah?

6 MISO/Ron Mihbachler: Yeah. That flow
7 gate that we got set up from Wabash to
8 Whitesville-Pholox, Wabash to Clinton. It will
9 probably be set up about the top of the hour.

10 Cinergy/Spencer: Okay. It looks like
11 Louie is starting to drop there now. So we will find
12 out whether Cinergy is finally backing some generation,
13 it looks like. We've backed off some generation out of
14 Wabash River. So hopefully we're on our way down.

15 That's 345, big concern, if we can pick up
16 something, maybe back down generation a little bit on
17 the 345 along the west side.

18 MISO/Ron Mihbachler: Yeah, right there
19 along the Cayuga-Wabash, that area.

20 Cinergy/Spencer: Yeah, clear down even to
21 Gibson, Sugar Creek and Gibson, Miriam, with the arrow
22 over on that west side, pretty much from Odesco
23 (Phonetic.) there to Kansas.

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1 (Break in tape.)

2 MISO/Ron Mihbachler: Yeah. Those outages
3 are out of the schedule now, I assume, right?
4 Everything has been taken out?

5 Cinergy/Spencer: Who are you talking to?

6 MISO/Ron Mihbachler: To you, Spencer.

7 Cinergy/Spencer: Oh. I don't know. I
8 haven't been entering them. I don't know if somebody
9 called direct. Yeah. Actually force. I don't know
10 that we have got them in there yet.

11 MISO/Ron Mihbachler: Okay.

12 Cinergy/Spencer: We're still trying to
13 take care of some underlying loading issues, make sure
14 we get much load restored to the CTM because that
15 causes more problems.

16 MISO/Don Hunter: Okay. All right, then.

17 MISO/Don Hunter: I'm wondering if this
18 (Inaudible.)

19 MISO/Ron Mihbachler : No. I still have
20 Spencer here. We lost the other person that called.
21 Just check the Cinergy outages to see if they're there.

22 (Break in tape.)

23 Cinergy/Spencer: So you do have a flow

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1 gate and IP&L that's pretty close to the limit?

2 MISO/Ron Mihbachler: Yes. We have I
3 guess Petersburg to Thompson is the problem that we're
4 seeing right now.

5 Cinergy/Spencer: Is that a PTDF or OTDF?

6 MISO/Ron Mihbachler: I don't know. I
7 guess I'll have to check that.

8 MISO/Ron Mihbachler: Hey, Norris, look on
9 the flow gate tool and see if that Petersburg to
10 Thompson is a PTDF. It looks like a PTDF flow gate.
11 Right.

12 Cinergy/Spencer: You'll probably get some
13 relief with that. I'm sure you'll push it over the top
14 with another 345 outage.

15 MISO/Ron Mihbachler: Right. Yeah. Hang
16 on just a second.

17 No. Actually, the one I am talking about,
18 there is actually the flow gate that we just set up is
19 Wabash to Whitesville for loss of Wabash to Clinton
20 being --

21 MISO/Norris Henderson: There's another
22 one.

23 MISO/Ron Mihbachler: And then that one,

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1 the Pete to Thompson is an existing flow gate that
2 we're having problems with.

3 MISO/Norris Henderson: Loss of nothing.
4 You said the flow is on that one by itself.

5 MISO/Ron Mihbachler: That's correct.

6 MISO/Norris Henderson: Okay. Do you want
7 to check it?

8 MISO/Ron Mihbachler: We're going to
9 check. You should have, what, Denoi Creek to
10 Bloomington should be out, right?

11 Cinergy/Spencer: Right.

12 (Break in tape.)

13 Cinergy/Spencer: We need to recap the
14 outages.

15 MISO/Ron Mihbachler: Yeah. Actually,
16 I'll run through them here and see if I've got them
17 all. Denoi Creek to Bloomington should be out.

18 Cinergy/Spencer: Right.

19 MISO/Ron Mihbachler: We've got Columbus
20 to Seymour, the 138.

21 Cinergy/Spencer: Let's see. Columbus.
22 No, no. That one we're backwards on there here.

23 MISO/Ron Mihbachler: Okay.

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1 SPEAKER: Let's get that one straightened
2 out. If I said "Columbus," then I apologize. That's
3 not right. I'll get it pulled up here. The line into
4 Seymour that's open is 13829 line that goes from
5 Seymour toward Seymour Airport Road. We opened that
6 line fixSeymour.

7 MISO/Ron Mihbachler: Airport Road?

8 Cinergy/Spencer: Yeah. Columbus to
9 Seymour is in service.

10 MISO/Ron Mihbachler: Okay. Okay. Then
11 you've got the 345, Columbus to Bedford?

12 Cinergy/Spencer: That's correct. That's
13 out. That's what started the mess.

14 (Break in tape.)

15 MISO/Ron Mihbachler: That should be it,
16 right?

17 Cinergy/Spencer: The --

18 Cinergy/Spencer: Actually, you've got the
19 other one, Plainfield to Cloverdale line is out, 13867
20 line.

21 MISO/Ron Mihbachler: Yeah. That's a
22 planned outage.

23 Cinergy/Spencer: What one was that?

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1 MISO/Ron Mihbachler: Hang on a second,
2 Spencer.

3 They're not in there right now?

4 MISO/Norris Henderson: No. Well, we just
5 thought we needed to look somewhere. Any idea?

6 MISO/Ron Mihbachler: Yes. All of them
7 would be today.

8 (Break in tape.)

9 MISO/Ron Mihbachler: We've got 2350 for
10 the 14th.

11 MISO/Ron Mihbachler: Okay. We might just
12 need to bump back one day.

13 MISO/Norris Henderson: Okay.

14 MISO/Ron Mihbachler: Just make that 8 and
15 13. Yeah. That will work.

16 (Break in tape.)

17 MISO/Ron Mihbachler: Yeah. They're also
18 having high flow from the, yeah, --

19 MISO/Kevin Sherd: Pete-Thompson.

20 MISO/Ron Mihbachler: -- Pete-Thompson.

21 MISO/Kevin Sherd: That's what it's all
22 about.

23 MISO/Ron Mihbachler: That is what Spencer

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1 was saying, too. I think Spencer is saying anywhere
2 from like Cayuga all the way down to --

3 MISO/Kevin Sherd: Wabash?

4 MISO/Ron Mihbachler: -- Sugar Creek,
5 Gibson, right. Yeah, I think Petersburg. There's
6 Gibson.

7 MISO/Kevin Sherd: They're up here, too.

8 Cinergy/Spencer: I've heard IP&L is going
9 to start from generation for local voltage support in
10 Indianapolis. And that will hopefully help some.
11 Yeah. Maybe that will -- maybe they will be able to
12 back Pete down some.

13 MISO/Ron Mihbachler: Yes?

14 MISO/Rob Benbow: (Inaudible.) until we
15 figure out what is going on before we get --

16 MISO/Ron Mihbachler: Is IP&L starting to
17 -- well, I mean, anything injected on --

18 MISO/Rob Benbow: Yeah.

19 MISO/Ron Mihbachler: Bring it up in the
20 Indianapolis area and then back it down along here.

21 MISO/Rob Benbow: Yeah, anywhere to get
22 the -- get these continues to go down right now that
23 are going --

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1 MISO/Kevin Sherd: Here is Batesville, by
2 the way. Here's your Ghent-Batesville line, that speed
3 and all in there, where we --

4 MISO/Rob Benbow: Right. All right.

5 MISO/Kevin Sherd: There's no generation
6 they can bring up other than maybe from Miami-Fulton
7 right over here, like 5 and 6 are on the 138.

8 MISO/Rob Benbow: Out of Tanners Creek or
9 Miami-Fulton area?

10 MISO/Kevin Sherd: Miami-Fulton.

11 MISO/Rob Benbow: Yeah.

12 MISO/Kevin Sherd: There's a couple over
13 here connected to the 138 there that might help, not
14 much, though.

15 MISO/Ron Mihbachler: Are you talking
16 about that, Spencer, right here?

17 MISO/Rob Benbow: Let's see what they're
18 moving.

19 MISO/Ron Mihbachler: Yes, Spencer?

20 Cinergy/Spencer: Yeah.

21 MISO/Ron Mihbachler: I guess there are a
22 couple -- I guess -- right now I guess apparently the
23 Ghent-Batesville line is loaded up pretty heavily.

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1 Cinergy/Spencer: Okay.

2 MISO/Ron Mihbachler: But I guess there's
3 units right there, like the Tanners Creek area, the
4 Miami-Fulton. Those would probably help out.

5 Cinergy/Spencer: Help back it down.

6 (Break in tape.)

7 MISO/Kevin Sherd: Gallagher is fully
8 loaded now?

9 Cinergy/Spencer: Yeah, I think Gallagher
10 is fully loaded.

11 MISO/Kevin Sherd: Yeah. And I'm not sure
12 why it's --

13 MISO/Kevin Sherd: Spencer, it's Kevin.

14 Cinergy/Spencer: Are you there, Kev?

15 MISO/Ron Mihbachler: Yeah, he's right
16 here beside me.

17 Cinergy/Spencer: Oh, okay. I thought he
18 was talking on the phone there.

19 MISO/Ron Mihbachler: Yeah. He's pretty
20 close to it. I've got the head set on, too, about as
21 close away as I am. Staunton

22 Cinergy/Spencer: Yeah, Gallagher is fully
23 loaded, it looks like.

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1 MISO/Kevin Sherd: Planned outage?

2 MISO/Ron Mihbachler: No.

3 MISO/Kevin Sherd: You can tell him I said
4 to do that.

5 MISO/Ron Mihbachler: Yeah. Kevin was
6 looking at the option of opening up the Jefferson to
7 Greentown line and see how that would affect you.

8 Cinergy/Spencer: Hey.

9 Cinergy/Spencer: Just get him out of
10 there. He's lost his mind.

11 Cinergy/Spencer: I haven't even looked at
12 that line to see what it's got on it, but I'm sure it's
13 more than I want.

14 MISO/Ron Mihbachler: Bad idea.

15 Cinergy/Spencer: Yeah. That's loaded up
16 pretty good.

17 MISO/Ron Mihbachler: Okay. What have we
18 got here?

19 MISO/Ron Mihbachler: No, that's not
20 coming to Seymour. It's the Seymour to Airmark ,
21 Airport Road, Jefferson.

22 Cinergy/Spencer: Keep an eye on the
23 voltage. I just didn't want to --

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1 MISO/Ron Mihbachler: Yes.

2 Cinergy/Spencer: -- where you would be
3 able to hold it.

4 Cinergy/Spencer: I don't know. If I
5 probably dealt with one of these guys, they might just
6 keep an eye on your voltage at Pittsburgh on
7 Brownsburg. That one will really get way too low on
8 your.

9 MISO/Kevin Sherd: Generation (Inaudible.)

10 MISO/Ron Mihbachler: That's correct.

11 MISO: What the problem is over here at
12 Wabash River, we keep having this out because the
13 Wabash River power is trying to get --

14 MISO/Ron Mihbachler: Bedford-Columbus.

15 MISO/Joe Smith: Those two into Columbus
16 are out.

17 MISO/Ron Mihbachler: Yeah because also
18 the Staunton transformer is pretty much unloaded right
19 now because of the Plainfield to Cloverdale planned
20 outage?

21 Cinergy/Spencer: No, it's not a planned
22 outage.

23 MISO/Ron Mihbachler: Oh, it's not a

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1 planned outage?

2 Cinergy/Spencer: No.

3 MISO/Joe Smith: That tripped out of
4 Plainfield.

5 Cinergy/Spencer: That tripped out.

6 MISO/Ron Mihbachler: Okay.

7 MISO/Joe Smith: Wabash River to
8 Plainfield?

9 MISO/Joe Smith: Have you got somebody on
10 line right now?

11 MISO/Ron Mihbachler: Yeah, I've got
12 Spencer.

13 MISO/Joe Smith: Are they moving any
14 generation?

15 MISO/Ron Mihbachler: Yeah, Spencer.

16 Cinergy/Spencer: Yeah?

17 MISO/Ron Mihbachler: Is Cinergy moving
18 any generation right now? Are you --

19 Cinergy/Spencer: Well, they want to see
20 what the effects are. I saw our loading was dropping
21 off there at Wabash River. So I assume they've been
22 backing off at Wabash River. So that's a good thing.

23 MISO/Ron Mihbachler: So I guess even

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1 increasing Markland would probably help out in that
2 area.

3 Cinergy/Spencer: Yeah, anything. Yeah,
4 they've helped out Wabash River some. They've dropped
5 a good probably 40 megawatts on that line, 230 line.

6 Cinergy/Spencer: Again, a TLR on that
7 Pete to Thompson line or anything?

8 MISO/Ron Mihbachler: Yeah. Let me check.
9 It should have presently.

10 MISO/Ron Mihbachler: Are you going to
11 issue a TLR on the Pete to Thompson?

12 Cinergy/Spencer: It's not my line. It's
13 not really my call. I'm just curious.

14 MISO/Don Hunter: Did anybody call on the
15 Pete to Thompson?

16 SPEAKER: No.

17 MISO/Ron Mihbachler: That would help the
18 situation out, I think, though, because basically --
19 yeah. I think issuing a TLR on Pete-Thompson would
20 probably help the situation out. Right? Is that what
21 you think, Spencer?

22 Cinergy/Spencer: Yeah, it looks like it,
23 but, like I said, it's not my line, not my flow gate.

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1 So staff can -- somebody said it was loaded to 95
2 percent a while ago.

3 MISO/Ron Mihbachler: Yeah, that is true.

4 Cinergy/Spencer: And that's with no
5 contingency. So we trip the Ramsey line or something.
6 You've got to find some place to put six or seven
7 hundred megawatts.

8 MISO/Ron Mihbachler: I think all the
9 generation on here. Even Spencer mentioned the Gibson,
10 backing Gibson down. And Gibson would be backed down
11 by -- yeah, Gibson would be backed down by the TLR and
12 Pete to Thompson.

13 SPEAKER: (Inaudible.)

14 MISO/Ron Mihbachler: Yeah, that's
15 correct.

16 MISO/Ron Mihbachler: Okay.

17 (Break in tape.)

18 Cinergy/Spencer: I know we've got Wabash
19 River back down some.

20 MISO/Ron Mihbachler: How far has that
21 Wabash River backed down?

22 Cinergy/Spencer: I heard 180 megawatts,
23 but --

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1 MISO/Ron Mihbachler: That's how much they
2 backed it down?

3 Cinergy/Spencer: That's what I've heard.
4 I didn't grab a snapshot from start to finish.

5 (Break in tape.)

6 MISO/Ron Mihbachler: What is it? Okay.
7 Yes. I guess -- Spencer?

8 Cinergy/Spencer: Yeah?

9 MISO/Ron Mihbachler: Yeah. I guess the
10 rating is a little low on the Pete-Thompson line.

11 Cinergy/Spencer: Oh. So there's more
12 room than what we thought?

13 MISO/Ron Mihbachler: Yes. I guess we
14 were about using a rating of 962 seconds OSL when we
15 actually have along with a ring about that Thompson is
16 intact. Then it's actually good for 1195.

17 Cinergy/Spencer: Is it?

18 Cinergy/Spencer: Okay.

19 (Break in tape.)

20 SPEAKER: Yeah. Jim, we're ready to --
21 we're off the 138.

22 MISO/Ron Mihbachler: Okay.

23 (Break in tape.)

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1 SPEAKER: Go ahead, Jim.

2 (Break in tape.)

3 MISO/Ron Mihbachler: Spencer, it sounds
4 like they're switching back in service.

5 Cinergy/Spencer: Can you all hear on our
6 end?

7 MISO/Ron Mihbachler: Yeah.

8 Cinergy/Spencer: And I think it's part of
9 the plan more or less -- what's the term I'm looking
10 for? -- network down at Terre Haute. I'm not sure how
11 it's going to help it. Actually, it wasn't a planned
12 network outage. It occurred last night or early this
13 morning, I think.

14 SPEAKER: That is right.

15 MISO/Ron Mihbachler: Yeah. I haven't
16 seen any of these outages in our scheduler.

17 MISO/Ron Mihbachler: I will go and put
18 those in. I think that will probably help out if they
19 didn't get taken out of the IDC.

20 SPEAKER: Oh, let's see here.

21 MISO/Ron Mihbachler: Station. Do you
22 have the trip times for everything?

23 (Break in tape.)

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1 MISO/Ron Mihbachler: Hey, Spencer?

2 Cinergy/Spencer: Yeah?

3 MISO/Ron Mihbachler: Yeah. Do you have
4 the trip times for all the lines?

5 Cinergy/Spencer: I don't. I'd have to go
6 back in the SCADA --

7 MISO/Ron Mihbachler: Okay.

8 Cinergy/Spencer: -- to catch them all.

9 MISO/Ron Mihbachler: Do you have like a
10 rough time? I can go ahead and put them into --

11 Cinergy/Spencer: Yeah. All got
12 initiated. I think 11:08 for the 34517 line from
13 Bedford to Columbus.

14 Cinergy/Spencer: Okay.

15 MISO/Ron Mihbachler: 11:08?

16 Cinergy/Spencer: Yeah.

17 Cinergy/Spencer: Okay. 11:10 for the
18 section of the 13829 line between Seymour and Seymour
19 Airport Road.

20 MISO/Ron Mihbachler: Okay.

21 Cinergy/Spencer: 11:12 for the 23018 line
22 between Columbus and Bloomington. And part of that has
23 been restored. I don't have the time for it.

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1 MISO/Ron Mihbachler: Okay.

2 MISO/Ron Mihbachler: I'll just put in
3 there it's Denoi to Bloomington outage at 11:12.

4 Cinergy/Spencer: Sounds good.

5 MISO/Ron Mihbachler: Right now I'm just
6 turning that as a planned in time of 1800, just to get
7 something in there. Okay. Outage.

8

9 Cinergy/Spencer: Try to find that 138 line
10 between Plainfield and Cloverdale. See the comment in
11 Tucker following trip.

12 There we go. There we go. 11:50 for the
13 Plainfield to Cloverdale section of 13867 line.

14 MISO/Ron Mihbachler: Okay.

15 SPEAKER: Which one is this? That
16 merchant plan at Wheatland is coming on line. I don't
17 know how that is going to help anybody.

18 MISO/Ron Mihbachler: Merchant plant at
19 Wheatland.

20 Cinergy/Spencer: Yeah. They just hit the
21 line with the unit.

22 MISO/Ron Mihbachler: Okay. Where is that
23 located at?

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1 Cinergy/Spencer: That's between Gibson,
2 and that's on that -- one of the lines out of Gibson.

3 MISO/Ron Mihbachler: Oh, I see. I see it
4 there, yes.

5 Cinergy/Spencer: It's also tied to --
6 there's also a tie to IP&L, but they're not tied
7 currently. They brought on another unit. So I don't
8 know if that is going to help anybody at all.

9 MISO/Ron Mihbachler: No, not really.

10 Cinergy/Spencer: I could use some VAR
11 support, but I can't use any megawatts. They come
12 ramping that thing up. And we trip a line going north
13 out of there.

14 Cinergy/Spencer: Do you have a flow gate
15 for Gibson to Pete?

16 MISO/Ron Mihbachler: I will check. We
17 might do that. Do you know what it is loaded at right
18 now.

19
20 Cinergy/Spencer: It's currently at 1,200
21 amps right now. I'm afraid this Wheatland unit is
22 going to come on and cause more problems.

23 (Break in tape.)

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1 Cinergy/Spencer: It's got a huge rating
2 on it.

3 MISO/Ron Mihbachler: Okay.

4 Cinergy/Spencer: Twelve hundred MVA.
5 We're sitting at about eight, so not bad.

6 MISO/Ron Mihbachler: Still in great
7 shape, huh?

8 Cinergy/Spencer: Can you hold on just a
9 second?

10 MISO/Ron Mihbachler: Sure.

11 (Break in tape.)

12 MISO/Ron Mihbachler: Yeah. I didn't find
13 any of those outages in our schedule.

14 SPEAKER: I could have done them.

15 MISO/Ron Mihbachler: No problem. Good
16 idea.

17 MISO/Rob Benbow: Hey, Ron?

18 MISO/Ron Mihbachler: Yes?

19 MISO/Rob Benbow: Give me an update real
20 quick or what --

21 MISO/Ron Mihbachler: Okay. In essence, I
22 guess do you know about the outages that we have going
23 on right now or do you have the Columbus to Bedford 345

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1 line is out?

2 MISO/Rob Benbow: Right.

3 MISO/Ron Mihbachler: The Seymour to
4 Seymour Airport Road line is open. And then we have
5 the Denoi to Bloomington section of the 230.

6 MISO/Rob Benbow: Right. Is out?

7 Cinergy/Spencer: Well, we may be able to
8 --

9 MISO/Ron Mihbachler: The Plainfield to
10 Cloverdale line is out. And the Plainfield to
11 Cloverdale reduces the loading off of a Staunton
12 transformer.

13 MISO/Rob Benbow: Right.

14 MISO/Ron Mihbachler: And so -- and so
15 Cinergy heads back down Wabash by at least 180
16 megawatts.

17 MISO/Rob Benbow: Okay.

18 MISO/Ron Mihbachler: And, however, there
19 is the Wheatland plant there by Petersburg is coming on
20 line right now. And so that should just help load up
21 the Petersburg to Thompson line for you.

22 MISO/Rob Benbow: Yeah because looking at
23 it, I mean, Gibson to Petersburg line, I mean, we've

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1 got a lot of contingencies out there I'm trying to -- I
2 look at some GSFs for Gibson to --

3 (Break in tape.)

4 MISO/Rob Benbow: -- Petersburg. I don't
5 know what they -- I mean, I don't know what else --
6 they can back down Gibson to help.

7 Cinergy/Spencer: Yeah, but the --

8 MISO/Rob Benbow: But it's probably -- I
9 don't know where else you can pick it up along. I
10 mean, there's eight generators that are selling --

11 MISO/Ron Mihbachler: Hey Rob -- have
12 these all been applied to the IDC?

13 MISO/Rob Benbow: I don't know that
14 anybody has run to the IDC and updated it.

15 MISO/Ron Mihbachler: Because I'm adding
16 them to our schedule right now. And that will probably
17 make a big difference when trying to issue the TLR.

18 MISO/Rob Benbow: Well, yeah, and I'm just
19 -- yeah. We have to do that before that gets updated.

20 And then like dec generators, I mean, I don't know
21 what they can do as far as -- or inc generators is
22 showing up on there. I don't know about Henry,
23 Noblesville, East Bend. Of course, Wabash shows up on

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1 there. And then we have the high GSF on there, though.

2 Cinergy/Spencer: Okay. Well, you can put
3 a hold on them ramping up that Wheatland generation.

4 MISO/Rob Benbow: What is a -- who is
5 this, Spence?

6 Cinergy/Spencer: Yeah.

7 MISO/Rob Benbow: What did they do, dec
8 Wabash and then bring on Wheatland, then?

9 Cinergy/Spencer: I know they dec'ed
10 Wabash, but I -- for some reason, Wheatland is coming
11 on. They have already ramped up close to 100 megawatts
12 in my voltage on that 345, low as it is. And they are
13 just dragging it down further.

14 MISO/Rob Benbow: Okay.

15 MISO/Ron Mihbachler: Yeah, Spencer?

16 MISO/Rob Benbow: Yeah?

17 MISO/Ron Mihbachler: Question for you.
18 Is the airport road to airport junction, is that the
19 airport to the Seymour line?

20 Cinergy/Spencer: Should be airport
21 junction to Seymour. That's probably how it's in
22 there, airport junction to Seymour.

23 MISO/Ron Mihbachler: Yes, that's a --

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1 (Break in tape.)

2 Cinergy/Spencer: Did somebody run some
3 scenarios on loading for some different contingencies?

4 MISO/Ron Mihbachler: Yeah. Which
5 contingencies?

6 Cinergy/Spencer: Let's see. Contingency
7 of the Wheatland.

8 MISO/Ron Mihbachler: Let's see.

9 Cinergy/Spencer: See which -- it's that
10 Wheatland generation.

11 Cinergy/Spencer: Got me real bothered.

12 Cinergy/Spencer: Yeah. Wheatland to --
13 Wheatland-Amo section of line. That will be the
14 contingency.

15 MISO/Ron Mihbachler: Wheatland to where?

16 Cinergy/Spencer: Wheatland to Amo.

17 MISO/Ron Mihbachler: Amo? Okay.

18 Cinergy/Spencer: That's over 800
19 megawatts of flow that is going to have to go
20 somewhere.

21 MISO/Ron Mihbachler: I imagine it's going
22 to --

23 Cinergy/Spencer: Can you run out and see

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1 what kind of overload you pick up or do you have to
2 have specific monitored devices?

3 MISO/Ron Mihbachler: I can actually say
4 that contingency. I can study it in our state
5 estimator here.

6 Cinergy/Spencer: Good.

7 Cinergy/Spencer: They're ramping that
8 Wheatland load up fast.

9 MISO/Ron Mihbachler: Okay.

10 MISO/Ron Mihbachler: Since you're putting
11 the --

12 MISO/Ron Mihbachler: I finished putting
13 the -- I've got the three out of the four outages put
14 in today --

15 Cinergy/Spencer: I've got to get that
16 Wheatland back down. They're starting to cause me some
17 69 loading problems now out of Amo.

18 (Break in tape.)

19 MISO/Ron Mihbachler: I'm looking for
20 Plainfield to Cloverdale.

21 MISO/Norris Henderson: Cloverdale?

22 MISO/Ron Mihbachler: Cloverdale, yeah.

23 MISO/Norris Henderson: It's right there.

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1 MISO/Ron Mihbachler: Here's Cloverdale.
2 See if you can find --

3 (Break in tape.)

4 MISO/Ron Mihbachler: Plainfield. There's
5 a Stilesville. Yeah, Spencer?

6 Cinergy/Spencer: Yeah?

7 MISO/Ron Mihbachler: Is the Plainfield to
8 Cloverdale -- I see there -- is there a bus between the
9 two, Stilesville, S-t-i-l?

10 Cinergy/Spencer: Oh, Stilesville, yes.
11 That would be the one.

12 MISO/Ron Mihbachler: Okay. That will
13 work, then.

14 MISO/Ron Mihbachler: Yeah. But then
15 there's a bunch -- well, this one is 345. The other
16 ones are 230 in Bloomington. Well, they're all around
17 the Columbus area. Oh, man.

18 Cinergy/Spencer: Are you running that 345
19 outage from Wheatland to Amo?

20 MISO/Ron Mihbachler: Yeah. I was going
21 to -- I'm just going to finish putting in the last of
22 the outages. Then I'll go ahead and run that in our
23 state estimator and let you know what we find here.

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1 That Wheatland is already causing me
2 problems.

3 MISO/Ron Mihbachler: Okay.

4 Cinergy/Spencer: How about 69 out of Amo,
5 under pre-contingent problems, under just -- under
6 normal base load, have they been increasing my -- I've
7 only got one line out of Amo intact. And they're
8 pushing it pretty hard.

9 MISO/Ron Mihbachler: Okay. Let me give
10 the phone to the security coordinators here, too, --

11 Cinergy/Spencer: Okay.

12 MISO/Ron Mihbachler: -- on the problems.
13 The Wheatland unit coming on line is giving so many
14 problems because of the 59. Okay.

15 Is Rob on line here with me? Okay.

16 I am going to describe the loss of the
17 Wheatland line, though, just for the estimator and the
18 Wheatland study. Right.

19 Cinergy/Spencer: My Voltage is just
20 dropping like a rock on that 345 strand, down at 326 at
21 Amo. So we're getting ourselves set up for a voltage
22 collapse on top of everything else.

23 MISO/Ron Mihbachler: Okay. Let me get

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1 them to come over here.

2 Cinergy/Spencer: Is there any way I can
3 flat out say, "Take the units at Wheatland off"?

4 MISO/Ron Mihbachler: Yeah. See, me, too.

5 It sounds like the units line there at Wheatland, was
6 giving Cinergy problems. And at Amo, their goal is
7 dropping out to 326 kD on the 345.

8 Wheatland is a -- I guess it's an IPP,
9 right?

10 Cinergy/Spencer: Right, yeah.

11 Cinergy/Spencer: IPP. IPP. I wouldn't
12 be surprised if Cinergy is buying power from them, but
13 we're going to have to buy it somewhere else because
14 it's not -- they're eating me up here.

15
16 MISO/Ron Mihbachler: Okay. Yeah, do too
17 bad. Okay. We're going to study -- I'm going to study
18 the loss of the Amo to Wheatland. Kind of -- actually,
19 that might even pop up on -- I might not need to tell
20 you.

21 That might actually be in the -- we might
22 be seeing that pop up in real time, show violations.
23 Let's see if it pops up here. Okay.

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1 Yeah. The -- yeah, Spencer?

2 Cinergy/Spencer: Yeah?

3 MISO/Ron Mihbachler: The voltage is all
4 coming down there or what?

5 Cinergy/Spencer: Yeah. I mean, you've
6 got -- where is it now, seven? On the 345 system,
7 because of the -- because of load in the air, because
8 of high flows in the percent there with almost 900 MVA
9 flow on the 345 lines from Wheatland to Amo, they're
10 hardly putting out any reactive support. So I've got
11 almost -- man.

12 MISO/Ron Mihbachler: So I guess the
13 question that I am being asked is, you know, how are
14 the generators coming out producing the voltage problem
15 in the area? And it sounds like the answer is that
16 they're not putting out the reactor support.

17 Cinergy/Spencer: Right. And I'm not sure
18 they're capable of it the way we're sitting. We're
19 well above surgent feed in loading on several lines
20 now. So our losses are huge. We're sitting with --

21 MISO/Ron Mihbachler: Okay.

22 Cinergy/Spencer: We've got voltage at
23 Noblesville at 323. Is the Noblesville units running?

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1 MISO/Ron Mihbachler: Yep.

2 Cinergy/Spencer: They are? Okay. They
3 are running?

4 MISO/Ron Mihbachler: Yep. Guyon ? I
5 think that's Guyon right there. Georgetown I think is
6 the generating station, I guess Georgetown. Georgetown
7 is an IP&L line? Is that right? What sir?

8 MISO/Don Hunter: This Don Hunter,
9 reliability coordinator at MISO Carmel, security
10 coordinator.

11 Cinergy/Spencer: Yeah.

12 MISO/Don Hunter: I was wondering if you
13 guys -- you guys have got everything on around Amo,
14 right, I mean, as far as the reactors go and our
15 capacitance goes?

16 Cinergy/Spencer: What did we leave? We
17 just tripped two banks because of that Wheatland
18 generation. If there is any way you can declare some
19 kind of emergency and get it off, get it off now.

20 MISO/Don Hunter: Wheatland generation.
21 So we need to call them right now and ask them if they
22 can somehow turn it off.

23 MISO/Don Hunter: Are they --

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1 Cinergy/Spencer: Yeah. We're about to
2 open it up for them.

3 MISO/Don Hunter: They're going to open it
4 up for them.

5 SPEAKER: What?

6 MISO/Don Hunter: They're probably open it
7 up for them if they don't.

8 Cinergy/Spencer: You're looking at -- oh,
9 God.

10 MISO/Don Hunter: All right. Hold on a
11 second.

12 Cinergy/Spencer: Your call, Mark. Do you
13 want me to trip them?

14 MISO/Don Hunter: Your Wheatland unit is
15 causing voltage problems at Amo. They're beginning to
16 trip out there at the Amo bus. And we need to figure
17 out how to do something about this.

18 MISO/Don Hunter: I don't think so. Is
19 there anything that we can do to replace that
20 generation with something else to the north maybe?

21 MISO/Don Hunter: Okay. Don Hunter,
22 reliability coordinator at MISO Carmel.

23 MISO/Don Hunter: We're trying to find a

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1 way back down.

2 Cinergy/Spencer: Yeah.

3 MISO/Don Hunter: We could do that.

4 Cinergy/Spencer: Okay. I mean, are you
5 going to talk about that?

6 MISO/Don Hunter: We're having some
7 voltage problems, some voltage stability problems,
8 around the Amo bus in Cinergy because Wheatland
9 generation apparently is putting out megawatts and no
10 bars. And it's hurting us in there. And we've lost a
11 couple of lines inside Cinergy.

12 Cinergy/Spencer: Well, you just lost a
13 bank also.

14 MISO/Don Hunter: Did you lose a bank. At
15 Amo?

16 Cinergy/Spencer: Where is that?

17 MISO/Don Hunter: At Amo?

18 Cinergy/Spencer: Is that Amo bank still
19 in, Mark? We're about to overload at 69. It's good
20 for 152, Mark.

21 MISO/Don Hunter: We're still trying to
22 figure out -- this is Nancy, right? Okay. Cinergy,
23 what just tripped or what did you trip off?

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1 Cinergy/Spencer: We're overloading a 69
2 line at Amo pretty heavily.

3 MISO/Don Hunter: But nothing has tripped
4 or anything? Nothing has relayed?

5 Cinergy/Spencer: Did you trip something,
6 Mark?

7 Cinergy/Spencer: There was a trip before
8 the Amo line was overloaded? Frances Creek? Okay. We
9 tripped a Frances Creek bank, 345 to 69.

10 MISO/Don Hunter: Okay. They did trip a
11 Frances Creek to 345-69 transformer there. That was a
12 voltage relay there.

13 Cinergy/Spencer: I don't know what it's
14 tripped on. I just know we need to get that Wheatland
15 generation off.

16 MISO/Don Hunter: Okay. What's your
17 voltages right now at Amo?

18 Cinergy/Spencer: Three twenty-five.

19 MISO/Don Hunter: Three twenty-five?

20 Cinergy/Spencer: Yep.

21 MISO/Don Hunter: What do you guys relay
22 at?

23 Cinergy/Spencer: I don't have that in

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1 front of me. I'd have to look.

2 MISO/Don Hunter: You know it's coming
3 soon, though?

4 Cinergy/Spencer: Yeah.

5 MISO/Don Hunter: Okay. Wheatland.
6 They've got voltages of 325 at the Amo. It's a tap
7 right there, isn't it?

8 Cinergy/Spencer: Yeah.

9 MISO/Don Hunter: Yeah. They're tapped
10 off there. So Allegheny, Wheatland, we need to figure
11 out what's going on and see --

12 Cinergy/Spencer: It's causing me
13 overloads out of that line out of that Amo sub also.

14 MISO/Don Hunter: Yeah.

15 Cinergy/Spencer: I need to get that off.

16 MISO/Don Hunter: Okay. Well, I mean,
17 going with Cinergy, it may be up or down. So are you
18 increasing megawatts or increasing VAR support for it?
19 Okay. Can they increase VAR support for you, Cinergy,
20 and you'll be okay?

21 Cinergy/Spencer: No. They're going to
22 have to decrease megawatts. They can increase VARs but
23 decrease megawatts.

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1 MISO/Don Hunter: He's talking about
2 decreasing megawatts and increasing VARs.

3 Cinergy/Spencer: I'm just a minute away
4 from just tripping them off.

5 MISO/Don Hunter: Because other than that,
6 he's got nothing to do but open the line. And we don't
7 want to do that because we've already lost --

8 Cinergy/Spencer: I've opened one breaker.
9 So all I've got to do is open one more. And they'll
10 be off line. So tell them to back down the megawatt.

11 MISO/Don Hunter: Okay. Have you got my
12 number here at Carmel? Are you calling Cinergy, then?
13 Nancy, who are you calling? Who are you calling,
14 Nancy? Okay. I mean, who are you going to give a call
15 when you get off line from me? Okay. All right. My
16 number here is [PRIVATE NO.]. Okay. Thank you, sir --
17 or ma'am. Sorry. Bye.

18 Cinergy/Spencer: Is that Allegheny
19 Energy?

20 MISO/Don Hunter: Yes, sir, that was
21 Allegheny Energy. And I was talking to them.

22 Who am I talking with at Cinergy again?

23 Cinergy/Spencer: Spencer.

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1 MISO/Don Hunter: Spencer? Okay. Hold on
2 a second, Spencer. Hey, Spencer?

3 Cinergy/Spencer: Yeah?

4 MISO/Don Hunter: Hey, Don Hunter here
5 again. They are going to give Wheatland a call and see
6 what they can do to decrease megawatts and increase
7 VARs, but I don't think they're real sure about how
8 they're going to do that yet. So they're going to give
9 me a call back.

10 Cinergy/Spencer: You can bump it some.
11 Just don't -- I don't know what that 69 is doing.

12 MISO/Don Hunter: But we don't open the
13 line. We don't want any more lines opening up.

14 Cinergy/Spencer: No, I'm not going to
15 open the line. I'll just open the tap to their
16 generation --

17 MISO/Don Hunter: Okay.

18 Cinergy/Spencer: I'm serious. You're
19 running me into some big problems here with that
20 generation.

21 MISO/Don Hunter: Are you talking to them
22 now, Spencer?

23 Cinergy/Spencer: Pardon me?

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1 MISO/Don Hunter: Are you talking to them
2 now, Spencer?

3 Cinergy/Spencer: I was just talking to
4 you.

5 MISO/Don Hunter: Okay.

6 MISO/Don Hunter: Yeah. I'm sure not in
7 control of it, but --

8 Cinergy/Spencer: I understand.

9 MISO/Don Hunter: Yeah. So it would be
10 kind of a voluntary thing. Now, you guys, I know
11 you've lost a couple of lines and you're trying to
12 figure that situation out, but you need to purchase at
13 all costs. And that's pretty much by NERC quality.
14 You probably know that.

15 Cinergy/Spencer: Yeah.

16 MISO/Don Hunter: Yeah. And that includes
17 VAR support, any reactive schedules you can set up,
18 anything like that, just to have the support there. If
19 you need to set up schedules to keep your system
20 intact, then that's what you have to do at all costs.

21 Cinergy/Spencer: I understand.

22 MISO/Don Hunter: So I just want to make
23 sure you guys realize that. Lines tripping is one

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1 thing, but we've got to figure out how to overcome it
2 now.

3 Cinergy/Spencer: Absolutely.

4 MISO/Don Hunter: And voltage support can
5 be handled with reactor purchases if possible. So if
6 Allegheny, Wheatland would like you to purchase some
7 VAR support, would that be okay if you have to set up a
8 megawatt schedule between north to south?

9 Cinergy/Spencer: Well, that's possible.

10 MISO/Don Hunter: Yeah.

11 MISO/Don Hunter: But we've got everybody
12 back here going crazy trying to figure things out, too.

13 Cinergy/Spencer: Do you know who
14 Wheatland is selling to?

15 MISO/Don Hunter: I sure don't.

16 MISO/Don Hunter: Seymour Airport Road.
17 Right.

18 MISO/Ron Mihbachler: Oh, by the way, Don,
19 the line that actually tripped here was Columbus to
20 Bloomington, but then they got in. Part of it went
21 back.

22 MISO/Ron Goins: We are still on.

23 MISO/Ron Mihbachler: That is correct.

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1 MISO/Ron Goins: The only thing we know
2 that actually happened and we know why is
3 Columbus-Bedford a face-down?

4 MISO/Ron Mihbachler: No. The face-down
5 is on the 230.

6 MISO/Ron Goins: Okay.

7 MISO/Ron Mihbachler: It's on the 230 that
8 comes to Bloomington.

9 MISO/Ron Goins: Okay. Thank you.

10 MISO/Ron Mihbachler: You're welcome.

11 Hey, Spencer?

12 Cinergy/Spencer: Yeah?

13 MISO/Ron Mihbachler: Yeah. That Amo to
14 Wheatland is a -- was showing up in our state
15 estimator.

16 Cinergy/Spencer: Okay.

17 MISO/Ron Mihbachler: I can go ahead and
18 read off the results to you here if you're interested.

19 Cinergy/Spencer: All right.

20 MISO/Ron Mihbachler: Okay. Hit that
21 button right there once. Okay. Good. Okay. First we
22 have -- I guess that Pete to Thompson would load up to
23 121 percent of its emergency rating.

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1 Cinergy/Spencer: Of its -- and that's the
2 emergency rating?

3 MISO/Ron Mihbachler: Right. That's the
4 emergency rating of 900 and --

5 Cinergy/Spencer: But the real rating is
6 1195 for the rings closed?

7 MISO/Ron Mihbachler: Yeah, that's
8 correct. I guess that one would be -- would actually
9 not be a valid overload.

10 Cinergy/Spencer: What's a overload to --
11 what did you say a load to you at --

12 MISO/Ron Mihbachler: The post-contingent
13 loading would be 1090.

14 Cinergy/Spencer: Yeah.

15 MISO/Ron Mihbachler: And then you've got
16 Hannah to Petersburg would be the next. And that would
17 be loaded at 1,004.

18 Cinergy/Spencer: What's the rating on
19 that thing?

20 MISO/Ron Mihbachler: I'm showing a rating
21 here of 900 emergency, which would be 111 and a half
22 percent.

23 Cinergy/Spencer: So a TLR. Can you call

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1 a TLR on that line and get Wheatland off or at least
2 back down to very few megawatts?

3 MISO/Ron Mihbachler: I think that would
4 be an option, yes, if we created one for Hannah to
5 Petersburg or something like that --

6 Cinergy/Spencer: Okay.

7 MISO/Ron Mihbachler: -- for loss of Amo
8 to Wheatland. And then that might take care of it.
9 I'll discuss it and see what the reliability
10 coordinators --

11 Cinergy/Spencer: Okay.

12 MISO/Ron Mihbachler: The next one that
13 would overload would be the Bedford to MTA, yeah,
14 Bedford-MTA. Is that --

15 Cinergy/Spencer: Yeah. It's not ringing
16 a bell as far as the main.

17 MISO/Ron Mihbachler: Okay. It has --
18 we're showing a rating of 135. So it must be a -- is
19 that a 138 line or something?

20 Cinergy/Spencer: Yeah. It must be for
21 that low a rating.

22 MISO/Ron Mihbachler: And we're showing
23 109 percent.

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1 Cinergy/Spencer: Yeah. What does your
2 voltage look like with the loss of this line? You
3 probably can't tell me that, can you?

4 MISO/Ron Mihbachler: Yeah, possibly. I
5 think we can.

6 Cinergy/Spencer: What's the voltage at
7 Amo?

8 MISO/Ron Mihbachler: Okay. I'll see if
9 that shows up on here. Amo.

10 (Break in tape.)

11 MISO/Ron Mihbachler: Oh, yeah. Let's go
12 back.

13 MISO/Norris Henderson: Which one?

14 MISO/Ron Mihbachler: Wheatland to Amo.

15 MISO/Norris Henderson: We had it, didn't
16 we?

17 MISO/Ron Mihbachler: Right, but I didn't
18 have the voltage violations. He wants to know what the
19 voltages look like in that area.

20 (Break in tape.)

21 MISO/Ron Mihbachler: On here? Is that
22 the launch you're interested in component -- or this?
23 Oh, that? Hey, Jason, is this -- I should be able to

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1 find loss of Wheatland to Amo or not?

2 (Break in tape.)

3 MISO/Ron Mihbachler: Contingency
4 violations. That's what we want. Okay. Yeah. I'm
5 not showing the voltage violations that would occur.

6 (Break in tape.)

7 MISO/Ron Mihbachler: Okay. Yeah. I
8 don't have it. What's what? Okay.

9 Hey, Spencer?

10 Cinergy/Spencer: Yeah?

11 MISO/Ron Mihbachler: Yeah. What do you
12 have for voltages right now at Amo?

13 Cinergy/Spencer: Three twenty-five.

14 MISO/Ron Mihbachler: Three twenty-five.

15 MISO/Don Hunter: What are you showing in
16 it?

17 MISO/Ron Mihbachler: Okay. Where is she
18 reading at? Yeah, Spencer?

19 Cinergy/Spencer: Yeah?

20 MISO/Ron Mihbachler: Do you have a way to
21 verify that number?

22 Cinergy/Spencer: Well, I can look up at
23 Whitestown, see what it's got.

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1 MISO/Ron Mihbachler: Okay.

2 Cinergy/Spencer: It looks like the
3 average there is about 328, Whitestown. Noblesville
4 has got a 324.

5 MISO/Ron Mihbachler: Okay. What are you
6 showing at, I guess -- actually, I guess, the reason
7 why I ask --

8 Cinergy/Spencer: A 318 at Columbus, 323
9 at Prescott.

10 MISO/Ron Mihbachler: People in their
11 marketing end want to bring on another unit at
12 Wheatland, too.

13 Cinergy/Spencer: That line from Wheatland
14 to Amo is eating up 250 mega-VAR. They're putting out
15 60. The line is consuming 250.

16 MISO/Ron Mihbachler: And Wheatland is
17 putting out 250?

18 Cinergy/Spencer: They're putting out 60
19 mega-VARs.

20 MISO/Ron Mihbachler: Okay.

21 (Break in tape.)

22 MISO/Don Hunter: Where is he reading at,
23 Amo?

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1 MISO/Ron Mihbachler: Yeah, at Amo.

2 MISO/Don Hunter: Three forty-five bus?

3 MISO/Ron Mihbachler: The 345 bus he is
4 at 325.

5 MISO/Don Hunter: What's he reading at
6 now?

7 MISO/Ron Mihbachler: Yeah. What are you
8 reading at Qualitec right now?

9 Cinergy/Spencer: Let's see what I've got.
10 I've got caps at Qualitec. So that's going to make it
11 read higher. It's reading 329.

12 MISO/Ron Mihbachler: Three twenty-nine?

13 MISO/Don Hunter: Three twenty-nine. How
14 come Wheatland is reading 349 at Walesboro?

15 MISO/Don Hunter: Somebody's values are
16 incorrect here.

17 MISO/Ron Mihbachler: Yeah. The numbers
18 aren't matching what Wheatland is showing, I guess, as
19 far as 345 voltages.

20 Cinergy/Spencer: They are probably
21 sitting, I'm showing, about 347.

22 MISO/Ron Mihbachler: Three forty-seven
23 you're showing at Wheatland?

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1 Cinergy/Spencer: At Wheatland.

2 MISO/Ron Mihbachler: Okay.

3 Cinergy/Spencer: I don't know if you can
4 get a hold of Tag and maybe get him -- I don't know if
5 we're buying that power or what that's doing, but it's
6 eating us up.

7 MISO/Ron Mihbachler: That is correct.

8 Cinergy/Spencer: Yeah. Wheatland came
9 on, and I can't get them off. So -- I can get them
10 off, but --

11 MISO/Don Hunter: Can you verify that your
12 numbers are correct or where are you getting your
13 numbers from, Nancy?

14 Cinergy/Spencer: Pardon me? Okay. Well,
15 we need to get Wheatland off line or get the megawatts
16 down.

17 MISO/Ron Mihbachler: He said the Amo to
18 Wheatland line is actually consuming 250 mega-VARs and
19 that the Wheatland generating is putting out some 60
20 mega-VARs. That's the line. There's a license on the
21 voltage down. Okay.

22 Yes, Spencer?

23 Cinergy/Spencer: Yeah?

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1 MISO/Ron Mihbachler: Yeah. The units
2 there at Wheatland are putting out their maximum
3 mega-VARs.

4 Cinergy/Spencer: Not good enough. I need
5 to peel off about 200 megawatts of generation. They've
6 got me just above a rating on a 69 line out of Amo.
7 We're probably setting where we're about to trip that
8 line. We'll be in the dark here in the Plainfield
9 area.

10 MISO/Ron Mihbachler: If it's loaded like
11 that?

12 Cinergy/Spencer: What's that?

13 MISO/Ron Mihbachler: The Amo to
14 Wheatland.

15 Cinergy/Spencer: Yeah, Amo-Wheatland line
16 has got 850 megawatts, about 200 mega-VAR from
17 Wheatland toward Amo.

18 MISO/Ron Mihbachler: Hang on a second.

19 Cinergy/Spencer: Sure.

20 MISO/Ron Mihbachler: The Amo to Wheatland
21 line has 850 megawatts on it. It's consuming 250
22 mega-VARs.

23 MISO/Jason Marshall: The line is

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1 consuming 250 mega-VARs.

2 MISO/Ron Mihbachler: Yes, the line is
3 consuming 250 mega-VARs.

4 (Break in tape.)

5 MISO/Ron Mihbachler: Yeah, Spencer?

6 Cinergy/Spencer: Yeah?

7 MISO/Ron Mihbachler: Yeah. That
8 consuming 250 mega-VARs seems a bit extreme for that
9 line. We should load at 850 megawatts.

10 Cinergy/Spencer: Well, I don't know what
11 to tell you. It's measured value. So, I mean, you're
12 dealing with probably 70 mile of 345 line loaded 2
13 times the surge impedance loading

14 Cinergy/Spencer: Okay. It's just a big
15 VAR sink.

16 MISO/Rob Benbow: Did you hear that, Ron?

17 MISO/Ron Mihbachler: What's that?

18 SPEAK MISO/Rob Benbow ER: Cinergy bought
19 150 megawatts for DP now.

20 MISO/Ron Mihbachler: Okay.

21 MISO/Rob Benbow: So that should help them
22 on that side, but I don't know where -- you know, I
23 don't know if that just goes for the load or whatever,

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1 straight power.

2 MISO/Ron Mihbachler: Actually coming from
3 the east. Yeah, right.

4 Cinergy/Spencer: What's that?

5 MISO/Ron Mihbachler: It's coming from the
6 east. That's the important thing, right?

7 Cinergy/Spencer: Yeah, absolutely.

8 SPEAKER: DPL is not that big. So it's --

9 Cinergy/Spencer: It is the system
10 frequency and stuff looking.

11 MISO/Ron Mihbachler: Yeah.

12 (Break in tape.)

13 Cinergy/Spencer: Well, we've backed off a
14 couple of hundred megawatts from Wabash River here.
15 I'm sitting there. I mean, we're shooting the voltages
16 around, too.

17 Is that Wheatland or not? Okay. Amo to
18 Wheatland. It's 317. It's coming from Wheatland.

19 Cinergy/Spencer: I can keep them off the
20 voltage support if they want to go down to ten
21 megawatts or something, minimal megawatts, keep the
22 VARs out.

23 MISO/Ron Mihbachler: I guess we are showing

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1 that is consuming about 200 mega-VARs.

2 Cinergy/Spencer: They're right now
3 putting out about probably net, a little over 200
4 megawatts.

5 Cinergy/Spencer: Yeah. We're not getting
6 anywhere.

7 SPEAKER: No.

8 Cinergy/Spencer: Yeah. It's putting
9 about 200 megawatts.

10 MISO/Ron Mihbachler: Is there any other
11 Wheatland generation or not?

12 MISO/Jason Marshall: Are they sure
13 they're --

14 Cinergy/Spencer: Power off at DP&L. So I
15 don't know how that's going to work.

16 SPEAKER: We have --

17 MISO/Ron Mihbachler: That's the same
18 Wheatland.

19 MISO/Jason Marshall: If you look at it,
20 the measurements are consuming --

21 MISO/Ron Mihbachler: That's correct.

22 MISO/Jason Marshall: There is a station,
23 but it's --

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1 Cinergy/Spencer: I'd rather not do that,
2 but -- because as you know, expecting gas, after the
3 fact, we trip and only do turbine damage. And then
4 somebody counts back and says, "Well, it wasn't that
5 bad." And you're screwed.

6 MISO/Ron Mihbachler: Yeah, Spencer?

7 Cinergy/Spencer: Yeah?

8 MISO/Ron Mihbachler: In our state
9 estimator, we're showing that all that is coming from
10 Gibson going to Amo -- is there a -- the Wheatland
11 that's running, it is the one right there by the -- I
12 guess on the Cinergy system?

13 Cinergy/Spencer: I've got somebody
14 talking in both ears. What were you saying?

15 (Break in tape.)

16 MISO/Jason Marshall: Tell him to check
17 his measurements because we're getting measurements
18 from them, and the measurements don't show that.

19 MISO/Ron Mihbachler: Yeah. Spencer, I
20 was just saying that the -- we're showing -- with our
21 state estimator, we're showing that the flow is all
22 coming from Gibson to Amo to -- right. Okay.

23 Cinergy/Spencer: And then come on line

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1 and add 200 more megawatt to that line flow. That's
2 how it -- it's going to redistribute everything else.
3 But --

4 (Break in tape.)

5 Cinergy/Spencer: I hate to worry you, but
6 I think we're a trip away from -- 345 trip away from --
7 (Tape ends in mid-sentence.)

8 (Whereupon, the foregoing matter was
9 adjourned.)
10

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1 **2003 08-14 CH25 OSP ENG 1343hrs.WAV**

2 Cinergy/Spencer: I hate to worry you, but
3 I think we're a trip away from -- 345 trip away from
4 setting a little history, my voltages depressed the way
5 they are, not to mention all my underlying loading
6 concerns.

7 MISO/Ron Mihbachler: Yeah. That flow,
8 138, 134, does that include --

9 MISO/Ron Mihbachler : Yeah. Let me grab
10 one of the reliability coordinators here. Hang on just
11 a minute.

12 MISO/Ron Mihbachler: Would it be possible
13 to create temporary flow --

14 SPEAKER: No.

15 MISO/Ron Mihbachler: Okay.

16 MISO/Ron Mihbachler: Okay. Here we go.

17 (Break in tape.)

18 SPEAKER: Okay. Randy, I'm going to close
19 the --

20 SPEAKER: Where is the -- is that the 347?

21 SPEAKER: Three forty-five, yeah, 345.

22 MISO/Ron Mihbachler: So that would have
23 to be -- well, yeah. You're right. There's nothing

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1 showing in there.

2 MISO/Rob Benbow: Well, I don't know right
3 now. I didn't know this when the state estimator was
4 going to be sitting right where we're at. That's
5 changed since we started. I don't know.

6 MISO/Rob Benbow: Right. When's the last
7 time it ran? See, there you go.

8 MISO/Ron Mihbachler: I kicked it off.
9 Yes. Good idea, huh?

10 MISO/Ron Mihbachler: No.

11 MISO/Ron Mihbachler: Just when you need
12 it the most.

13 Cinergy/Spencer: Still there, guys?

14 MISO/Ron Mihbachler: Yes, still here.

15 Cinergy/Spencer: You want another outage?
16 Contingency, Gibson to Ramsey.

17 MISO/Ron Mihbachler: Gibson to Ramsey.

18 MISO/Ron Mihbachler: Yeah. We're running
19 the state estimator right now. We found a little
20 problem with it. We're -- it was hung up. It hadn't
21 been -- wasn't solving. And so we're kicking it back
22 off again here.

23 Cinergy/Spencer: Are you getting it set

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1 up?

2 MISO/Ron Mihbachler: Yeah. We're running
3 it, but it takes a few minutes.

4 Cinergy/Spencer: All right.

5 Cinergy/Spencer : I'm just trying to get
6 a base load -- or a base point for you. Actually,
7 we're having it do the contingency analysis for us.

8 Cinergy/Spencer: Full contingency
9 analysis where you run it?

10 MISO/Ron Mihbachler: Right, right.
11 That's our state estimator. We're having it solve the
12 case or having it solve the model. Then after it
13 solves the model, it will run off the state -- or the
14 contingency analysis.

15 Yeah. Those numbers I gave you before for
16 Amo to Wheatland might have been a little low.

17 (Break in tape.)

18 Cinergy/Spencer: Are you guys there?

19 MISO/Ron Mihbachler: Yeah, I am.

20 Cinergy/Spencer: Have you got a TLR out
21 on anything at this point? Did you end up calling one
22 on the 230 up at Wabash River?

23 MISO/Ron Mihbachler: I'll check.

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1 Cinergy/Spencer: Yeah.

2 Cinergy/Spencer: Allen, did you get a
3 hold of Bill or not?

4 Cinergy/Spencer: No, not really.

5 MISO/Ron Mihbachler: Yeah, Spencer?

6 Cinergy/Spencer: Yeah?

7 MISO/Ron Mihbachler: No TLRs that would
8 help you in this area, it doesn't look like, yet.

9 MISO/Rob Benbow: They're saying that
10 we're -- I think Spencer and them are really concerned
11 about voltage.

12 Cinergy/Spencer: Yeah.

13 MISO/Rob Benbow: Do you know what it
14 would take to make this problem better? What do you
15 err on the side of, reliability?

16 MISO/Ron Goins: Okay. Doug Hills with
17 Cinergy. Jeff, call Cinergy. Tell them to lower
18 Gibson. We need to bring that flow gate down to load
19 another and try and do this pro rata with Wheatland.
20 We need to figure out how much we need to lower Gibson
21 to fix this problem, how much we need to lower it,
22 period.

23 And then we -- you know, Roger either

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1 said, "Call Wheatland. Tell them you need to shut down
2 or try and work something pro rata out with them." You
3 know, if we're bringing Cinergy down this much, we need
4 to come down this much.

5 MISO/Rob Benbow: How much? Where is
6 Wheatland right now? They were scheduled to
7 (Inaudible.)

8 SPEAKER: I don't know.

9 MISO/Rob Benbow: We don't know the data,
10 but we need to be a lot worse than what we're at. I do
11 know one thing.

12 MISO/Ron Mihbachler: What do you see
13 coming out of Wheatland right now?

14 SPEAKER: That's it.

15 Cinergy/Spencer: Wheatland. It looks
16 like they're either net numbers, about 236 megawatts,
17 and 58 mega-VAR.

18 MISO/Rob Benbow: The state estimator has
19 been down for an hour and a half.

20 MISO/Jason Marshall: Yeah. Do you guys
21 know how much they need to lower the output?

22 MISO/Ron Goins: That's what we're just
23 now talking about.

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1 MISO/Ron Mihbachler: Here's Wheatland.
2 This is Wheatland's output right now.

3 MISO/Rob Benbow: Two thirty-six.

4 MISO/Ron Goins: Call Gibson and tell them
5 what their reliability --

6 SPEAKER: But who are you going to call
7 for Gibson?

8 MISO/Rob Benbow: Really, Gibson --

9 MISO/Ron Mihbachler: Yeah, Spencer?

10 Cinergy/Spencer: Yeah?

11 MISO/Ron Mihbachler: What's the total
12 output of Gibson? Do you know offhand?

13 Cinergy/Spencer: Yeah.

14 MISO/Ron Mihbachler: I could probably
15 look it up on here, too.

16 Cinergy/Spencer: Are they going to
17 curtail Gibson for sales out of Wheatland?

18 MISO/Ron Mihbachler: They're actually
19 going to curtail both Gibson and Wheatland kind of pro
20 rata.

21 Cinergy/Spencer: Gibson is setting at
22 3254 gross. That is gross megawatts.

23 MISO/Ron Mihbachler: Okay.

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1 MISO/Ron Goins: That's what we need to
2 figure out.

3 MISO/Rob Benbow: Here is the state
4 estimator unless you want to value it.

5 MISO/Norris Henderson: The state
6 estimator was invalid up until two minutes ago.
7 Everything you did off this estimator was invalid.

8 Cinergy/Spencer: Have you got the state
9 estimator running yet?

10 MISO/Ron Mihbachler: It's still state
11 estimating right now. We had a little problem with it.
12 It's always not there when you need it, right?

13 Cinergy/Spencer: Yeah. There you go.

14 MISO/Ron Mihbachler: Wheatland output,
15 net number is 236 megawatts, 58 VARs; Gibson gross
16 3250, 54.

17 SPEAKER: Now, how much do you need to
18 come down on --

19 MISO/Ron Mihbachler: How much to come
20 down on Gibson? Okay.

21 MISO/Ron Goins: Doug agrees. He's with
22 Cinergy because we agree. He's in a meeting with Roger
23 Harzy. He understand this. So he knows need to bring

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1 it down. Roger said that if we could bring down Gibson
2 in a pro rata -- not Gibson -- Wheatland in a pro rata
3 manner, that's fine, but we need to know how much we
4 have to bring it down to get within stability limits.

5 So if we could figure out how much we need
6 to bring Gibson down to, in fact, what we need to, then
7 we can call and have Cinergy bring it down. And we can
8 tell Wheatland to come down as well.

9 So can you guys figure out how much we
10 need to bring down Gibson?

11 MISO/Ron Mihbachler: Yeah. The way to do
12 that would be in STCA or pull it into the -- or pull it
13 into power flow and then tweak it that way, right?
14 Okay. What the concern is, Gibson is -- Doug Hill with
15 Cinergy is willing to back down Gibson, come pro rata
16 along with Wheatland.

17 The question is, how much do we need to
18 back down to get back within stability limits?

19 MISO/Jason Marshall: What are we going to
20 need as a proxy for stability limits?

21 MISO/Ron Mihbachler: Well --

22 SPEAKER: I don't know.

23 MISO/Ron Mihbachler: What are we using as

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1 a proxy for stability limits?

2 SPEAKER: Well, we do have a couple of
3 flow gates, of course, based on the state estimator,
4 which isn't running well.

5 MISO/Jason Marshall: It's solved. It's
6 running, the state estimator.

7 SPEAKER: It's not.

8 MISO/Jason Marshall: Okay.

9 MISO/Norris Henderson: Explain to him.

10 MISO/Ron Mihbachler: Okay. What's going
11 on, I guess Doug Hills from Cinergy is willing to back
12 down Gibson pro rata along with Wheatland to get back
13 within stability limits in the area. The question is
14 how much do we need to back down Gibson and Wheatland.

15 MISO/Joe Smith: Where is your next --

16 MISO/Ron Mihbachler: I can use that and
17 apply all of the outages to it, but --

18 MISO/Ron Mihbachler: Okay.

19 MISO/Joe Smith: The tripped outages and
20 known outages in Cinergy, apply that. Then run a dec
21 of 100 megawatts and see how it distributes through the
22 facilities that are in trouble and this contingent.
23 And you can get an idea of --

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1 MISO/Jason Marshall: Is it a voltage
2 stability issue or --

3 MISO/Joe Smith: It's a voltage stability
4 issue.

5 MISO/Joe Smith: Okay. Then I would say
6 that you need to reduce the system by a minimum of 100
7 megawatts for a dynamic from a study that I did
8 several years ago.

9 MISO/Ron Mihbachler: Okay. Yes.

10 MISO/Joe Smith: Make sure it's not a
11 voltage stability it's a dynamic issue.

12 MISO/Ron Goins: Hi, Doug. If you do 100
13 megawatt --

14 MISO/Ron Goins: What we're trying to
15 figure out now (Inaudible.).

16 MISO/Joe Smith: A good way to do it,
17 really --

18 Cinergy/Spencer: You guys there?

19 SPEAKER: You know to tell Wheatland not
20 to come on this one unit, right?

21 Cinergy/Spencer: You guys having a look?

22 MISO/Ron Mihbachler: Yeah. I think we're
23 working on decrementing Gibson and Wheatland. And it

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1 looks like the -- it is ready. Okay.

2 Cinergy/Spencer: I wasn't able to get my
3 state estimator to converge for a loss of the Gibson to
4 Ramsey line section.

5 MISO/Rob Benbow: The dynamic stability or
6 dynamic voltage, what did you call it?

7 MISO/Norris Henderson: Dynamic stability.

8 MISO/Rob Benbow: Dynamic stability. If
9 you get a 100-megawatts off.

10 MISO/Norris Henderson: Gibson.

11 MISO/Rob Benbow: Gibson. It has to be at
12 Gibson?

13 MISO/Norris Henderson: Right. That's the
14 one that has the problem.

15 (Break in tape.)

16 MISO/Ron Mihbachler: Yeah, Spencer?

17 Cinergy/Spencer: Yeah?

18 MISO/Ron Mihbachler: What can you tell me
19 about the dynamic stability limit in that area as far
20 as how is that measured or exactly what -- or what is
21 the limit, I guess?

22 Cinergy/Spencer: There at Gibson?

23 MISO/Ron Mihbachler: I guess that is the

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1 biggest concern right now. Is that correct?

2 Cinergy/Spencer: I've got all kinds of
3 concerns.

4 Cinergy/Spencer: Yeah. I think we're on
5 the verge of a voltage, serious voltage, excursion for
6 starters.

7 (Break in tape.)

8 Cinergy/Spencer: From a voltage
9 standpoint, I'd say we're a trip away from big
10 problems.

11 MISO/Ron Mihbachler: Then backing down
12 both generation there at Gibson and Wheatland I think
13 would help to mitigate that.

14 Cinergy/Spencer: Oh, yeah. Yeah.

15 MISO/Ron Mihbachler: One of the questions
16 was raised quickly, how much do we need to back it
17 down? And I think Joe Smith had done a study on that
18 some time ago. About 100 megawatts. Do you have any
19 way to study that or staff have to get it here, done
20 right now?

21 MISO/Jason Marshall: But the point is
22 somebody had looked up.

23 MISO/Jason Marshall: Well, I know, but I

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1 just --

2 MISO/Norris Henderson: There should be a
3 viable solution and an appropriate time.

4 Cinergy/Spencer: Are you still there?

5 MISO/Ron Mihbachler: It might be when we
6 start receiving information to identify things like not
7 showing Wheatland on line here.

8 MISO/Jason Marshall: I thought that's
9 what we did.

10 MISO/Ron Mihbachler: Okay. Pretty much,
11 yeah. No. Actually, what we had was afternoon, right?
12 But that is correct that all of the outages were out
13 as of noon. This data information is measured
14 information. All the measured flows were all accurate
15 at that time, as of noon, because all of the outages
16 all occurred prior to noon.

17 MISO/Ron Mihbachler: The only thing we're
18 looking at, in fact, is the Wheatland generation.

19 MISO/Norris Henderson: And the Gibson
20 generation. You're not playing with that at all?
21 You're not playing with that at all, the Gibson?

22 MISO/Ron Mihbachler: They have backed
23 down Wabash.

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1 MISO/Jason Marshall: You guys go ahead.
2 One of you guys go ahead and start running the
3 backed-off case with current information.

4 MISO/Ron Mihbachler: Sure. I can do
5 that.

6 MISO/Jason Marshall: You can use the
7 next-day case. Start with the next-day case.

8 MISO/Ron Mihbachler: I can run the --
9 I'll just do a rerun, P.M. rerun of today.

10 MISO/Jason Marshall: How long will that
11 take you to do a P.M. rerun?

12 MISO/Ron Mihbachler: Oh, yeah. Give me
13 like 45 minutes or a half an hour.

14 MISO/Jason Marshall: If you can just put
15 the outages in what you did earlier today.

16 MISO/Ron Mihbachler: Actually, not
17 counting VSAT, if we don't care about VSAT, I can have
18 them probably in well under a half an hour.

19 MISO/Jason Marshall: All right.

20 MISO/Jason Marshall: Don't worry about
21 doing the VSAT run because it doesn't do us any good
22 for this one.

23 MISO/Ron Mihbachler: Spencer is still

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1 here if anybody wants to -- yeah. Spencer is still
2 here.

3 MISO/Jason Marshall: How are you doing,
4 Spencer? Jason Marshall.

5 Cinergy/Spencer: I've had better days.

6 MISO/Jason Marshall: Hell of a situation,
7 huh?

8 MISO/Jason Marshall: Well, we've got guys
9 doing everything we can to look at it up here.

10 Cinergy/Spencer: Are they going to
11 curtail Wheatland and Gibson pro rata? Is that what
12 they're working on now?

13 MISO/Jason Marshall: They're working on
14 curtailing the 100 megawatts out of Gibson. We were
15 sitting here -- Joe Smith came in here. He was telling
16 us his -- Joe told us he thought this was a dynamic
17 stability problem. Does that sound right to you?

18 Cinergy/Spencer: I think we'd be close,
19 but for the information I got, I don't think so because
20 we didn't lose the first section of that line from
21 Gibson to Bedford.

22 MISO/Jason Marshall: Okay.

23 Cinergy/Spencer: We've still got 400

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1 megawatts of flow on that line. If that first section
2 was out, I'd say absolutely, we've got a dynamic
3 voltage -- or a dynamic stability problem.

4 MISO/Jason Marshall: Okay.

5 Cinergy/Spencer: But we do have load on
6 that line section from Gibson to Bedford, about 400
7 megawatts. So --

8 MISO/Jason Marshall: Okay.

9 Cinergy/Spencer: So I don't think we're
10 in a dynamic stability problem at Gibson. I'm mainly
11 concerned that I've got depressed voltages, especially
12 on that North, Northeast side there, Noblesville, Amo,
13 Qaulitec, and around down to Columbus.

14 Since I don't have a source into Columbus,
15 a good source, a normal source that is open, we're
16 sitting with -- I'll check my voltages down there at
17 Columbus right now.

18 MISO/Jason Marshall: Okay.

19 Cinergy/Spencer: I'm sitting at 317 kV.
20 I'm at 345 voltage at Columbus.

21 MISO/Jason Marshall: Yikes.

22 Cinergy/Spencer: That's my lowest, 345
23 voltage, 317 kV right now.

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1 MISO/Jason Marshall: Okay.

2 Cinergy/Spencer: Three twenty-three at
3 Prescott, 321 at Gwynneville.

4 MISO/Jason Marshall: All right. So
5 you're more concerned about the voltage stability issue
6 than anything else?

7 Cinergy/Spencer: Right. I've got some
8 underlying --

9 MISO/Jason Marshall: Okay.

10 Cinergy/Spencer: You know, some 69
11 loading problems that Wheatland came on because that
12 pushed more through Amo.

13 MISO/Jason Marshall: All right. Well,
14 they are working on doing the redispatch at Gibson.
15 I'll point out these issues. And then we'll probably
16 also work on doing it at Wheatland as well, then.

17 Cinergy/Spencer: All right.

18 MISO/Jason Marshall: I'll see what we can
19 do, Spencer.

20 Cinergy/Spencer: Appreciate it.

21 MISO/Jason Marshall: All right. Thanks.

22 Cinergy/Spencer: Thanks.

23 MISO/Jason Marshall: Are you going to

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1 hang on the line?

2 Cinergy/Spencer: I can or you can --

3 MISO/Jason Marshall: Why don't we just
4 call you back?

5 Cinergy/Spencer: All right.

6 MISO/Jason Marshall: All right?

7 Cinergy/Spencer: Thanks.

8 MISO/Jason Marshall: Talk to you later.

9 Cinergy/Spencer: Sixteen-o-six here is
10 our system operator number. They should have that.

11 MISO/Jason Marshall: Sixteen-o-six?

12 Cinergy/Spencer: Yep.

13 MISO/Jason Marshall: Okay.

14 Cinergy/Spencer: Thanks.

15 MISO/Jason Marshall: Thanks.

16 Cinergy/Spencer: Bye.

17 MISO/Jason Marshall: Bye.

18 MISO/Jason Marshall: Okay. He does not
19 think it's a voltage dynamic stability problem. He
20 thinks it's a voltage -- (Tape ends in mid-sentence.)

21 (Whereupon, the foregoing matter was adjourned.)

22

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1 **2003 08-14 CH25 OSP ENG 1415hrs.WAV**

2 Cinergy/Bill: System. Bill.

3 MISO/Jason Marshall: Hey, Bill, Spencer
4 said he was going to be at this desk. This is Jason
5 Marshall from Midwest ISO. Is he there?

6 Cinergy/Bill: He's -- yeah. Let me see
7 if he can pick up over here. Hold on.

8 MISO/Jason Marshall: Okay. Thank you.

9 Cinergy/Bill: Yeah. Jason?

10 MISO/Jason Marshall: Hey.

11 Cinergy/Spencer: I'll put him on here.
12 Hold on.

13 MISO/Jason Marshall: Okay. Thanks.

14 Cinergy/Spencer: Hey, Jason.

15 MISO/Jason Marshall: Hey, Spencer. We're
16 actually looking at one of these -- what's that flow
17 gate, Don, that you put in there?

18 MISO/Don Hunter: Forty-seven
19 Gibson-Petersburg for the loss of Gibson-Bedford.

20 MISO/Jason Marshall: Gibson-Petersburg
21 for the loss of Gibson to Bedford. It's not showing
22 anything for the Wheatland generation. Is that not a
23 good flow gate to use or --

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1 Cinergy/Spencer: Gibson-Pete for
2 Gibson-Ramsey would be better.

3 MISO/Jason Marshall: Gibson-Pete for
4 Gibson-Ramsey would be better.

5 MISO/Don HunterSPEAKER: Do you know if
6 that's an existing flow gate?

7 MISO/Jason Marshall: Do you know if
8 that's an existing flow gate off the top of your head?

9 Cinergy/Spencer: No, probably not. It's
10 not.

11 MISO/Jason Marshall: Do you really
12 anticipate this is going to pick anything up from them?

13 MISO/Don Hunter: They're looking right
14 now.

15 Cinergy/Spencer: Say what?

16 MISO/Jason Marshall: Do you -- would you
17 anticipate this would pick anything now up from them?
18 What we're doing is we're actually throwing this in the
19 IDC --

20 Cinergy/Spencer: All right.

21 MISO/Jason Marshall: -- and trying to pro
22 rate it based off what the IDC would do. We think
23 that's the fairest way that we could do it.

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1 Cinergy/Spencer: Oh, yeah.

2 MISO/Jason Marshall: Do you really
3 anticipate that that would pick something up for
4 Wheatland? The reason why I'm asking, because this is
5 only -- if the flow gate doesn't exist, which we don't
6 think that that flow gate exists, then it delays us
7 further.

8 Cinergy/Spencer: I see what you're
9 saying.

10 MISO/Jason Marshall: We can go ahead and
11 start putting that in as a temporary and parallel but
12 go ahead and do a re-dispatch on the Gibson-Pete for
13 Gibson-Bedford.

14 MISO/Ron Goins: Is this Spencer?

15 MISO/Jason Marshall: Yes.

16 MISO/Ron Goins: The problem he sees, ask
17 him how much he feels we -- ask him how much he feels
18 we need to bring Gibson down to alleviate the problem
19 he sees.

20 MISO/Jason Marshall: Did you hear that?

21 Cinergy/Spencer: What's that?

22 MISO/Jason Marshall: Okay. How much do
23 you feel that we need to bring Gibson down to alleviate

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1 this problem. I mean, you know, this is being a
2 voltage stability problem. It's kind of a little bit
3 of a shot in the dark.

4 Cinergy/Spencer: Yeah. Have you been
5 able to do any studies on it at all, Jason?

6 MISO/Jason Marshall: We're -- well, I'll
7 be --

8 MISO/Jason Marshall: We are in the
9 process of doing those studies or we were having some
10 problems with the state estimators, just now getting
11 back to where it was at.

12 Cinergy/Spencer: Yeah.

13 MISO/Jason Marshall: So the answer is no,
14 we don't have any comfort level yet.

15 Cinergy/Spencer: We could certainly drop
16 100 megawatts at Gibson or 100 at Wheatland and see
17 where we go.

18 MISO/Jason Marshall: Okay.

19 Cinergy/Spencer: All right. Does that
20 sound reasonable?

21 MISO/Jason Marshall: Let me run this by
22 these guys real quick. A hundred at Gibson, 100 at
23 Wheatland, and call that reasonable.

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1 Cinergy/Spencer: Are you wanting to say
2 that's too little at Gibson and not enough at
3 Wheatland, go 200 at Gibson and 100 at Wheatland, or

4 MISO/Don Hunter: Two or three hours.

5 MISO/Jason Marshall: I'll tell you what.

6 Let me run -- let me suggest this to these guys,
7 Spencer. I'll call you back in just a minute or two.

8 Cinergy/Spencer: All right. Thanks.

9 MISO/Jason Marshall: All right. Thanks.

10 Bye.

11 (Whereupon, the foregoing matter was
12 adjourned.)

13

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1 **2003 08-14 CH25 OSP ENG 1433hrs.WAV**

2 Cinergy/Mayberry: This is operations.

3 Mayberry.

4 MISO/Jason Marshall: Okay. Hi. This is
5 Jason Marshall with Midwest ISO. Is Spencer right
6 there or should I be calling him at another number?

7 Cinergy/Mayberry: No. Yeah. Hang on
8 just a second. Here he is.

9 MISO/Jason Marshall: Okay.

10 Cinergy/Spencer: Cinergy. Spencer
11 speaking.

12 MISO/Jason Marshall: Hey, Spencer. It's
13 Jason.

14 Cinergy/Spencer: Jason.

15 SPEAKER: They're ramping down Gibson by
16 80 megawatts. So you should be seeing that. And we're
17 coming up with 80 because that was basically the size
18 of the CT that they had to bring on.

19 Cinergy/Spencer: Okay.

20 MISO/Jason Marshall: So let's see where
21 we end up right there.

22 Cinergy/Spencer: What did you do with the
23 Wheatland?

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1 MISO/Jason Marshall: Wheatland is we --
2 they actually requested additional transmission
3 service, which we refused that. So they're going to be
4 backing down but not quite as quick.

5 Cinergy/Spencer: Okay.

6 MISO/Jason Marshall: That will be at the
7 top of the hour. But that's 236 megawatts that we just
8 denied. So we should see some improvements in
9 voltages.

10 Cinergy/Spencer: Good.

11 MISO/Jason Marshall: Okay?

12 Cinergy/Spencer: That will help some.

13 MISO/Jason Marshall: Why don't you give
14 us --

15 Cinergy/Spencer: Do you think they will
16 come completely off line in --

17 MISO/Jason Marshall: They do not have
18 transmission service is my understanding. So I don't
19 know how they would continue to generate onto the
20 Cinergy grid.

21 Why don't you give us a call here? Can
22 you keep an eye on what your -- keep an eye on the
23 voltages as Gibson ramps down and give us a call if

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1 you're started to get satisfied with the voltage as
2 well? Give us a call either way.

3 Cinergy/Spencer: Yeah, we could do that.

4 MISO/Jason Marshall: Okay. We'll be
5 monitoring it here also, obviously, but -- all right?

6 Cinergy/Spencer: Sounds good.

7 MISO/Jason Marshall: Okay. Thanks.

8 Cinergy/Spencer: Bye.

9 MISO/Jason Marshall: Bye.

10 (Whereupon, the foregoing matter was
11 adjourned.)

12

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1 **2003 08-14 CH25 OSP ENG 1438hrs.WAV**

2 SPEAKER: GM. Roger Cummings.

3 MISO/Norris Henderson: Hi. This is
4 Norris Change from MISO.

5 SPEAKER: Yes, Dick?

6 MISO/Norris Henderson: Let me ask you a
7 quick question. Is the Stewart to Atlanta line out
8 there? It's a DP&L line, but is it under your control?

9 SPEAKER: What's the name of that line
10 again?

11 MISO/Norris Henderson: Three forty-five,
12 the Stewart to Atlanta.

13 SPEAKER: Stewart to Atlanta.

14 MISO/Norris Henderson: Yes, sir.

15 SPEAKER: I don't believe -- do you know
16 geographically where that might be located?

17 MISO/Norris Henderson: I know it -- hold
18 on. Hold on.

19 MISO/Ron Mhlbachler: This is Ron here.

20 SPEAKER: Yeah, Ron.

21 MISO/Ron Mhlbachler: Yes?

22 SPEAKER: Stewart to Atlanta. Where might
23 that line be located geographically?

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1 MISO/Ron Mihlbachler: That's in Ohio. I
2 guess Stewart is one of the Dayton Power and Light
3 generating stations' units.

4 SPEAKER: It may very well be, yes.

5 MISO/Ron Mihlbachler: So it is out of
6 service from Stewart to Atlanta? It's out of service?

7 SPEAKER: That I don't know. Would you
8 like me to verify and call you back?

9 MISO/Ron Mihlbachler: Yes, thanks.

10 SPEAKER: This is MISO Carmel or St. Paul,
11 MISO, Carmel?

12 MISO/Ron Mihlbachler: MISO, Carmel.

13 SPEAKER: MISO, Carmel? I'll give you a
14 call back.

15 MISO/Ron Mihlbachler: Okay. Thanks.

16 SPEAKER: Okay. Bye.

17 MISO/Ron Mihlbachler: Okay.

18 (Whereupon, the foregoing matter was
19 adjourned.)
20

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1 **2003 08-14 CH25 OSP ENG 1458hrs.WAV**

2 IPL/Bill: Transmission operations. This
3 is Bill.

4 MISO/Norris Henderson: Yeah. This is
5 Norris Henderson from MISO. I have a quick question to
6 ask you.

7 Are you showing a P-0 to Hannah, getting a
8 P-0 Thompson line that is right now overloaded? In our
9 state estimator, we're showing an overload. We want to
10 make sure that's true.

11 IPL/Bill: Sure. Which lines, now?

12 MISO/Norris Henderson: Petersville to
13 Hannah and Petersville to Thompson.

14 IPL/Bill: Petersburg you mean?

15 MISO/Norris Henderson: Yes. Is it not
16 Petersville? I'm sorry. Petersburg.

17 IPL/Bill: Yeah. Hold on a second.

18 MISO/Norris Henderson: Okay.

19 MISO/Norris Henderson: Petersburg.

20 IPL/Bill: I'm showing on the Petersburg
21 to Thompson 882 megawatts at this time.

22 MISO/Norris Henderson: And what's the
23 rating?

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1 IPL/Bill: I'm not -- what's the rating on
2 the Petersburg to Thompson 882 megawatts at this time.

3 IPL/Bill: And what's the rating?

4 IPL/Bill: I'm not -- what's the rating on
5 the Petersburg to Thompson line?

6 IPL/Bill: We're looking at it, but he's
7 saying he believes it's overloaded by about 30
8 megawatts.

9 MISO/Norris Henderson: How about the
10 Petersburg to Hannah?

11 IPL/Bill: Hold on a second.

12 MISO/Norris Henderson: Okay, sir.

13 IPL/Bill: How about Pete to Hannah?
14 We're not -- that Pete to Hannah is not even in alarm.

15 MISO/Norris Henderson: Okay, sir. So
16 just your Petersburg to Thompson is showing 30 over its
17 limit?

18 IPL/Bill: At this time, right.

19 MISO/Norris Henderson: Beautiful. Okay.
20 Thank you, sir.

21 IPL/Bill: All right. Bye.

22 MISO/Norris Henderson: Petersburg to
23 Hannah is not showing at all. Petersburg to Thompson

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1 is showing 30 megawatts overload.

2 IPL/Bill: At 882.

3 (Whereupon, the foregoing matter was
4 adjourned.)
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1 **2003 08-14 CH25 OSP ENG 1503hrs.WAV**

2 IPL/PaulSPEAKER: This is Paul.

3 MISO/Norris Henderson: Yes. This is
4 Norris Change from MISO again.

5 The reason why we are bothering you, we've
6 got estimations showing both the Petersburg to Hannah
7 and the Petersburg to Thompson being overloaded. But
8 you had called me and told me just the Petersburg to
9 Thompson is overloaded. Can you give me a number
10 rating on your Petersburg to Hannah?

11 IPL/Paul: The current rating, the rating
12 or the load that is on there?

13 MISO/Norris Henderson: The current
14 rating. I said our estimator. We think the rating of
15 it is too low and that's why it's showing alarm, where
16 you're saying that's not the case. So we want to
17 correct that estimator.

18 IPL/Paul: Sure.

19 MISO/Norris Henderson: Okay, sir.

20 IPL/Paul: Now, we have two different
21 levels on the alarm. The first alarm is not really
22 something to get extremely excited about. The first
23 level is showing 900 megawatts. And we're at 890.

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1 MISO/Norris Henderson: Eight ninety on
2 the Hannah right now?

3 IPL/Paul: Yes.

4 MISO/Norris Henderson: But your normal
5 rating for the line is -- what's your normal rating for
6 the line, please?

7 IPL/Paul: Well, the first level? We have
8 two levels of alarm. The first level of alarm, being
9 900, is not a point for us to take any action.

10 MISO/Norris Henderson: Right.

11 IPL/Paul: The second level is 1040. And
12 that is where we would consider -- begin consider
13 taking some action.

14 MISO/Norris Henderson: Eight ninety is
15 your normal operating limit?

16 IPL/Paul: No. That's the loading that's
17 on it right now.

18 MISO/Norris Henderson: Oh, it's the
19 loading?

20 IPL/Paul: Yeah.

21 MISO/Norris Henderson: So your 900 --

22 IPL/Paul: It's our first alarm level.

23 MISO/Norris Henderson: Which is 900?

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1 IPL/Paul: Which is 900.

2 MISO/Norris Henderson: Can you give me
3 the same scenario for your Petersburg to Thompson line,
4 please? Yes, I can.

5 IPL/Paul: The Thompson right now is
6 currently at 924.

7 MISO/Norris Henderson: Okay.

8 IPL/Paul: And the first-level alarm is
9 900. So we're over that by 24.

10 MISO/Norris Henderson: Okay.

11 IPL/Paul: And 1040 as well for the second
12 alarm level, which is where we would actually take so
13 much.

14 MISO/Norris Henderson: Okay, sir.

15 IPL/Paul: So we're in between those two
16 levels, which we're in a watch mode.

17 MISO/Norris Henderson: Okay. Beautiful.
18 Thank you, sir.

19 IPL/Paul: You, too. Bye bye.

20 (Whereupon, the foregoing matter was
21 adjourned.)
22

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1 **2003 08-14 CH25 OSP ENG 1511hrs.WAV**

2 Cinergy/Bill: System. Bill.

3 MISO/Jason Marshall: Hey, Bill, is
4 Spencer hanging around there again?

5 Cinergy/Bill: Spencer?

6 MISO/Jason Marshall: Or should I call him
7 back at his desk or --

8 Cinergy/Bill: He's over here, yeah.

9 MISO/Jason Marshall: Okay.

10 Cinergy/Bill: Hold on. Hey, Spence, can
11 you pick up there on 06?

12 Cinergy/Spencer: Cinergy. Spencer
13 speaking.

14 MISO/Jason Marshall: Hey, Spencer, this
15 is Jason Marshall. I'm just -- I need to know what the
16 cause of that 345 line outage is if you know what it
17 is.

18 Cinergy/Spencer: Tree.

19 MISO/Jason Marshall: It was definitely a
20 tree?

21 Cinergy/Spencer: Tree.

22 MISO/Jason Marshall: There was no
23 indication of any activity, somebody trying to cut a

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1 tree down or anything like that?

2 Cinergy/Spencer: No, I don't believe so.

3 Let me check on that real quick. Hold on, Jason.

4 MISO/Jason Marshall: Okay.

5 Cinergy/Spencer: Still there, Jason?

6 MISO/Jason Marshall: Yes, I am.

7 Cinergy/Spencer: Tree problem. I don't

8 -- I am almost sure there was no tree trimmers, tree
9 lumberjacks involved.

10 MISO/Jason Marshall: Okay. Well, let me
11 tell you what we -- the reason why I'm so interested at
12 the moment is first energy just had a very similar
13 situation, where they lost apparently a couple of lines
14 and they --

15 Cinergy/Spencer: They want to make sure
16 there is nothing coordinated --

17 MISO/Jason Marshall: Exactly.

18 Cinergy/Spencer: Okay.

19 MISO/Jason Marshall: So if you guys --
20 you give us a call if there is anything strange about
21 it. Okay?

22 Cinergy/Spencer: Okay.

23 MISO/Jason Marshall: Thank you.

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1 Cinergy/Spencer: Thank you.

2 MISO/Jason Marshall: Bye.

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4 adjourned.)
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1 **2003 08-14 CH25 OSP ENG 1533hrs.WAV**

2 MISO/Jason Marshall: Okay. Well, we'll
3 -- I'm going to start calling control areas and telling
4 them to make sure they have generation running. We've
5 got blackouts all over the place. There's power --
6 you're watching the TV? We've got lines tripping
7 everywhere.

8 Cinergy/Mark: Control center. Mark
9 Bader.

10 MISO/Jason Marshall: Hey, Mark. This is
11 Jason Marshall at the Midwest ISO. Can I talk to
12 somebody in charge over there, maybe Spencer House or
13 the manager of the operation?

14 Cinergy/Mark: Well, you've got me.
15 That's the --

16 MISO/Jason Marshall: Okay.

17 Cinergy/Mark: -- supervisor.

18 MISO/Jason Marshall: Oh, you're
19 supervisor?

20 Cinergy/Mark: Yeah.

21 MISO/Jason Marshall: That works for me.

22 I don't know if you've been watching the
23 TV, but we have been experiencing a ton of line trips.

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1 Cinergy/Mark: Yep.

2 MISO/Jason Marshall: There are cities
3 going black, I understand. I would make sure that you
4 have as much generation on your transmission system
5 running as you can possibly due to make sure that we
6 have generation available if need be.

7 Cinergy/Mark: Okay. What areas are being
8 affected most? We saw a tremendous swing on the north
9 part of our system a while ago.

10 MISO/Jason Marshall: To be honest with
11 you, it is mass chaos right now. We know FirstEnergy
12 has had events. We know that there has been low
13 voltages in Michigan. We know that there have been the
14 events in your system. We know that there has been an
15 event of some sort in Minnesota, we believe. We don't
16 know exactly what in Minnesota.

17 I mean, you know, I'm looking down the
18 hall here, and everybody is on the phone. So I'm
19 trying to gather information as I can.

20 Cinergy/Mark: Okay. All right. Thank
21 you much.

22 MISO/Jason Marshall: Wait a minute. I
23 just was told there is nothing in Minnesota.

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1 Cinergy/Mark: Nothing in Minnesota?

2 MISO/Jason Marshall: Right, right. We're
3 just trying to keep this -- make sure the system
4 doesn't fall apart at this point.

5 Cinergy/Mark: Okay. Well, we've got a --
6 we've had some generation problems of having too much
7 on the west side of our system.

8 MISO/Jason Marshall: Okay.

9 Cinergy/Mark: So we've got some problems,
10 too.

11 MISO/Jason Marshall: Well, I mean, you
12 know --

13 Cinergy/Mark: We've got a lot of machines
14 on line.

15 MISO/Jason Marshall: Yeah. And if they
16 can at least be running at their minimums, at least
17 they will be there if we need them.

18 Cinergy/Mark: Okay?

19 MISO/Jason Marshall: Okay.

20 Cinergy/Mark: All right.

21 MISO/Jason Marshall: Thank you much, sir.

22 Cinergy/Mark: Bye.

23 (Whereupon, the foregoing matter was adjourned.)
24

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1 **2003 08-14 CH25 OSP ENG 1542hrs.WAV**

2 MISO/Ron Mihbachler: MISO, Carmel. Ron.

3 MISO/Keith Mitchell: Hey, Ron. This is
4 Keith Mitchell.

5 MISO/Ron Mihbachler: Yes, Keith?

6 MISO/Keith Mitchell: Hey, I got a call
7 from Eric Huffine. He said he heard on the news there
8 was some big power outages in the Northeast.

9 MISO/Ron Mihbachler: Yes. There is a
10 major problem happening right now.

11 MISO/Keith Mitchell: Okay. I was just
12 wondering. Did you guys need anything from here, MISO,
13 in addition to what you have already got?

14 MISO/Ron Mihbachler: Let me check with
15 Jason here. Hang on. Yeah, Keith?

16 MISO/Keith Mitchell: Uh-huh?

17 MISO/Ron Mihbachler: I don't know if you
18 have been watching, if you have been staying up or not,
19 but I guess New York City or New York is out,
20 Cleveland, and I think Detroit.

21 MISO/Keith Mitchell: Okay. Toronto, too.

22 MISO/Ron Mihbachler: Yes, I think Toronto
23 is out as well.

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1 MISO/Keith Mitchell: Okay.

2 MISO/Ron Mihbachler: I was just calling
3 to make sure that either the ops engineers or
4 reliability coordinators, if you need -- you know, you
5 need anything or are we pretty much okay for right now
6 monitoring their situation?

7 MISO/Ron Mihbachler: We're still in the
8 getting organized stage right now.

9 MISO/Keith Mitchell: Okay. Well, if
10 anything comes up or you have problems, just give me a
11 call. I'll make sure someone gets on it.

12 MISO/Ron Mihbachler: Okay. What's your
13 direct number?

14 MISO/Keith Mitchell: [PRIVATE NO.].

15 MISO/Ron Mihbachler: [PRIVATE NO.].

16 MISO/Keith Mitchell: Yeah.

17 MISO/Ron Mihbachler: Okay. Thanks.

18 MISO/Keith Mitchell: Bye bye.

19 (Whereupon, the foregoing matter was
20 adjourned.)
21

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1 **2003 08-14 CH25 OSP ENG 1547hrs.WAV**

2 MISO/Ron Mihlbachler: [PRIVATE NO.].

3 There you go.

4 MISO/Ron Mihlbachler: MISO, Carmel. Ron.

5 MISO/Ron Mihlbachler: No. It -- he hung
6 up.

7 (Whereupon, the foregoing matter was
8 adjourned.)

9

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1 **2003 08-14 CH25 OSP ENG 1549hrs.WAV**

2 MISO/Brett: MISO. This is Brett.

3 MISO/Ron Mihlbachler: Hey, Brett. This
4 is Ron here in the control room.

5 MISO/Ron Mihlbachler: Yes, sir.

6 MISO/Ron Mihlbachler: Can you tell Chris
7 to come over here and get his cuts?

8 MISO/Ron Mihlbachler: Sure.

9 MISO/Ron Mihlbachler: Thanks.

10 MISO/Ron Mihlbachler: Bye.

11 (Whereupon, the foregoing matter was
12 adjourned.)

13

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1 **2003 08-14 CH25 OSP ENG 1552hrs.a.WAV**

2 MISO/Norris Henderson: Yeah, Tim. This
3 is Norris. Have you seen the news lately?

4 MISO/Tim Aliff: No. What's going on?

5 MISO/Norris Henderson: We are having
6 blackouts all over the place. The whole East Coast is
7 being hit. And we are having problems in the Midwest.

8 So Jason -- asked me to have you come in with just a
9 head's up to be alerted you might have to be called in.

10 MISO/Tim Aliff: Okay. What is causing
11 it?

12 MISO/Norris Henderson: He asked me to
13 call you not to come in, but you might need to be stand
14 up just in case you need to be called in.

15 MISO/Tim Aliff: Okay.

16 MISO/Norris Henderson: Okay? So it's
17 just a head --

18 MISO/Norris Henderson: In that, yeah, we
19 was having problems in the Midwest. But then we
20 realized we lost some nuke units. We lost a bunch of
21 units. Then we looked at the news and found out --
22 yeah. Turn on the news. Kev, you have to turn on the
23 news.

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1 MISO/Tim Aliff: Well, I'm at the State
2 Fair right now.

3 MISO/Norris Henderson: Well, any place
4 you can get to. Oh, okay. Well, whenever you get
5 back, turn on the news, and you will see the whole
6 magnitude of the problem.

7 MISO/Tim Aliff: Really? Wow.

8 MISO/Norris Henderson: Yeah. It's all
9 over the news right now, CNN.

10 MISO/Tim Aliff: Wow. Okay.

11 MISO/Norris Henderson: Okay?

12 MISO/Tim Aliff: Well, if you need me,
13 just give me a call.

14 MISO/Norris Henderson: Okay.

15 MISO/Tim Aliff: All right.

16 MISO/Norris Henderson: Bye.

17 MISO/Tim Aliff: He's at the State Fair
18 right now.

19 (Whereupon, the foregoing matter was
20 adjourned.)
21

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1 **2003 08-14 CH25 OSP ENG 1554hrs.WAV**

2 MISO/Ron Mihlbachler: MISO, Carmel. Ron.

3 SPEAKER: ATC Pewaukee

4 SPEAKER: MAIN Blast call in regards to
5 the Eastern outages. Please stand by.

6 SPEAKER: MAIN Blast, Eastern outages.

7 SPEAKER: MAIN Blast.

8 SPEAKER: Everybody there?

9 SPEAKER: MAIN Blast call. Please stand
10 by.

11 SPEAKER: All right. I'm going to make
12 this short and sweet, hopefully do a quick roll call,
13 AELC.

14 SPEAKER: AELC here.

15 SPEAKER: Okay. Alliant?

16 MISO/Ron Mihlbachler: MISO, Carmel. Ron.

17 MISO/Jennifer Talbot: Hi, Ron. This is
18 Jennifer Talbot. Is Roy in there? I have one of our
19 board members on there, and he wants to speak to
20 somebody in the control room.

21 MISO/Ron Mihlbachler: Okay. Let's see.
22 Tom's here, Mallinger.

23 MISO/Jennifer Talbot: Okay. All right.

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1 Would you put him on the phone?

2 MISO/Ron Mihlbachler: Okay. Sure. It's
3 one of the board members.

4 MISO/Tom Mallinger: Jennifer?

5 MISO/Jennifer Talbot: Yeah, Tom. Graham
6 Edwards is on the phone. I'll connect you now.

7 MISO/Tom Mallinger: Okay.

8 MISO/Tom Mallinger : Hello. Graham.

9 MISO/Tom Mallinger: Yes. This is Tom
10 Mallinger.

11 MISO Director/Grahm Edwards: Hello, Tom.
12 How are you doing?

13 MISO/Tom Mallinger: Good.

14 MISO Director/Grahm Edwards: Let me ask
15 you a question, please. I just heard that parts of New
16 York are out, Detroit's out, several places are out of
17 power. Do you know what is going on?

18 MISO/Tom Mallinger: Well, there were some
19 outages that occurred earlier in the day. And then it
20 looks like there may have been some things that
21 happened later on.

22 We're not sure if it was -- the outages
23 were -- we're aware that FirstEnergy had some

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1 transmission outages. We're not sure if that triggered
2 it or if they were seeing impacts that were coming from
3 other areas. It sounds like maybe IMO may be out as
4 well.

5 MISO Director/Grahm Edwards: It does?

6 MISO/Tom Mallinger: So it may be a
7 situation where things were occurring in the East Coast
8 and it was rippling our way.

9 MISO Director/Grahm Edwards: Okay. Do
10 you all see anything arising on the system?

11 MISO/Tom Mallinger: We're seeing that the
12 MECS area -- they've told us in Detroit that -- (Tape
13 ends in mid-sentence.)

14 (Break in tape.)

15 MISO/Tom Mallinger: And we're also seeing
16 FirstEnergy said that they've lost 7,000 megawatts of
17 load. Our companies, as far as I know, the companies
18 in Indiana, are not experiencing problems and the
19 companies in the mapp region are -- (Tape ends in
20 mid-sentence.)

21 (Break in tape.)

22 MISO/Tom Mallinger: They have had a few
23 generators trip. But it's not caused them to lose any

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1 load.

2 MISO Director/Grahm Edwards: Okay. Were
3 there transmission problems or do you know?

4 MISO/Tom Mallinger: We don't know what's
5 causing it. We do know that the lines, several lines,
6 have been opened up. We tried to identify -- (Tape
7 ends in mid-sentence.)

8 (Break in tape.)

9 MISO/Tom Mallinger: (Tape begins in
10 mid-sentence.) -- started it.

11 MISO Director/Grahm Edwards: Okay. But
12 it just gets -- it's going from one system to another,
13 impacting --

14 MISO/Tom Mallinger: And it looks like
15 it's coming from the East and the North. You know, the
16 North and the East areas are where it may have been
17 triggered from and has rippled this way.

18 SPEAKER: Yeah. That's no problem. If
19 you end up --

20 MISO Director/Grahm Edwards: Okay. All
21 right. Good enough. I appreciate it. I was just
22 curious as to what was going on because I had had some
23 feedback that there were some issues. And somebody

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1 said that parts of New York were out and parts of
2 Detroit and Philadelphia and some other places. I was
3 curious as to what was going on.

4 MISO/Tom Mallinger: Okay.

5 MISO Director/Grahm Edwards: Good enough.
6 I appreciate it.

7 MISO/Tom Mallinger: All right, sir.

8 MISO Director/Grahm Edwards: Thank you.
9 Bye.

10 (Whereupon, the foregoing matter was
11 adjourned.)
12

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1 **2003 08-14 CH25 OSP ENG 1600hrs.WAV**

2 MISO/Ron Mihlbachler: MISO, Carmel. Ron.

3 LGEE/Mike: Hello, Ron. This is Mike Toll
4 in the LG&E.

5 MISO/Ron Mihlbachler: Yes?

6 LGEE/Mike: We are hearing rumblings about
7 a significant outage in the Northeast. And I have been
8 asked to see if there's any issues we should be
9 concerned about by my CEO. So I guess the easiest
10 thing is to ask you, has everything settled down and
11 the system back stated?

12 MISO/Ron Mihlbachler: Not yet, no. I
13 think we're still making contacts. We're calling
14 everybody, telling everybody to be, you know, prepared
15 for, you know, a worst case scenario.

16 I guess -- I don't know if you have been
17 watching the news, but there are significant blackouts,
18 --

19 LGEE/Mike: Yes.

20 MISO/Ron Mihlbachler: -- you know, New
21 York, Toronto, I think Cleveland, and Detroit. And I
22 think the reliability coordinators are contacting all
23 of the control areas right now and just telling them to

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1 be prepared.

2 LGEE/Mike: Okay. But I guess we have
3 kind of gone through the frequency excursion, and it
4 settled down.

5 MISO/Ron Mihlbachler: Right.

6 LGEE/Mike: Are you all still addressing a
7 lot of overloads, I mean, like that? Let me rephrase
8 it. Are your concerns electrical or terrorism?

9 MISO/Ron Mihlbachler: I think the biggest
10 concern is just keeping everything energized at this
11 time. And we're not -- I guess we're not sure that
12 it's a -- it hasn't been confirmed to be a terrorist
13 attack, even though it sure kind of seems that way.

14 Speaker: To Columbus or to Bloomington?

15 MISO/Ron Mihlbachler: Hang on just a
16 second.

17 It's the Nord Creek to Bloomington, so
18 Columbus -- (Tape ends in mid-sentence.)

19 (Break in tape.)

20 MISO/Ron Mihlbachler : Okay.

21 MISO/Ron Mihlbachler: Hey, Rob. I've got
22 LG&E on the phone. Is there anything you would like to
23 tell them?

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1 MISO/Rob Benbow: It's Rob here at the
2 MISO.

3 LGEE/Mike: Hello, Rob. This is Mike Toll
4 with LG&E.

5 MISO/Rob Benbow: Mike Cole?

6 LGEE/Mike: Toll.

7 (Whereupon, the foregoing matter was
8 adjourned.)
9

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1 **2003 08-14 CH25 OSP ENG 1607hrs.WAV**

2 MECS: MECS.

3 MISO/Ron Mihlbachler: Hello. This is Ron
4 Mihlbachler from MISO, Carmel.

5 SPEAKER: Hi, MISO.

6 MISO/Ron Mihlbachler: And I'm just --
7 well, I'm actually -- but I'm just calling to make sure
8 that the nuclear units there in the MECS control area
9 do have adequate generation to keep them, have the
10 adequate generation which they need.

11 MECS: Hang on a second. Tom? The MISO
12 guy said he has enough capability to help us out.

13 MISO/Ron Mihlbachler: No. I'm actually
14 making sure that the energy to the nuke is adequate.

15 MECS: The power to the nuke units are
16 adequate.

17 MECS: They're trying to re-power right
18 now to ensure that.

19 MISO/Ron Mihlbachler: Okay.

20 MECS: I don't know how much more I can
21 tell you at this point.

22 MISO/Ron Mihlbachler: Okay.

23 MECS: They're -- we're trying.

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1 MISO/Ron Mihlbachler: Okay. If you have
2 any issues, give us a call.

3 MECS: I certainly will pass that along to
4 our senior controller.

5 MISO/Ron Mihlbachler: Okay. Thank you.

6 MECS: Bye, Ron.

7 MISO/Ron Mihlbachler: Bye.

8 (Whereupon, the foregoing matter was
9 adjourned.)
10

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1 **2003 08-14 CH25 OSP ENG 1609hrs.WAV**

2 First Energy/Dan: Eastern. Dan Murray.

3 MISO/Ron Mihlbachler: Hello, Dan. This
4 is Ron Mihlbachler from MISO, from Carmel.

5 First Energy/Dan: Yes, sir.

6 MISO/Ron Mihlbachler: And I'm just making
7 sure that the nuclear units that are in the FirstEnergy
8 control area do have adequate generation supplied to
9 them.

10 First Energy/Dan: We're working to
11 restore that.

12 MISO/Ron Mihlbachler: Okay. All right.

13 First Energy/Dan: We'll get back to you.

14 MISO/Ron Mihlbachler: Yeah. If you need
15 help, give us a call.

16 First Energy/Dan: Will do.

17 MISO/Ron Mihlbachler: Okay. Thank you.

18 First Energy/Dan: Thanks.

19 MISO/Ron Mihlbachler: Bye.

20 First Energy/Dan: Bye.

21 (Whereupon, the foregoing matter was
22 adjourned.)

23

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1 **2003 08-14 CH25 OSP ENG 1612hrs.WAV**

2 MISO/Ron Mihlbachler: MISO, Carmel. Ron.

3 SPEAKER: Yeah. Ron, this is Eric
4 Claverty. I was told to get a hold of Jason Marshall,
5 and he's not at his desk. Is he over by you guys?

6 MISO/Ron Mihlbachler: Yes, he is. I'll
7 get a hold of him.

8 (Whereupon, the foregoing matter was
9 adjourned.)

10

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1 **2003 08-14 CH25 OSP ENG 1613hrs.WAV**

2 SPEAKER: Eric?

3 SPEAKER: Yeah.

4 MISO/Jason Marshall: Hi. Can you come --
5 are you here now?

6 SPEAKER: Yeah. I'm standing outside the
7 thing here.

8 MISO/Jason Marshall: Okay. I don't know
9 if you've heard, but I think we've basically lost
10 Detroit and --

11 SPEAKER: Yeah. I heard it on the radio
12 on the way back from -- well, that's what Ron told me.
13 And I heard it on the radio on the way back from the
14 eye doctor.

15 MISO/Jason Marshall: Well, why don't you
16 -- if you can, can you come in here? I was -- we've
17 got people trying to assess everything that is out.
18 And I just thought maybe having somebody that's
19 familiar with that transmission would help us be able
20 to figure it out pretty quick.

21 SPEAKER: Can you have someone let me in?

22 MISO/Jason Marshall: I certainly can.

23 SPEAKER: All right. I'm out here on the

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1 third base side.

2 MISO/Jason Marshall: Okay. Thanks.

3 SPEAKER: Yep.

4 SPEAKER: Bye.

5 (Whereupon, the foregoing matter was
6 adjourned.)
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1 **2003 08-14 CH25 OSP ENG 1628hrs.WAV**

2 MISO/Don Hunter: MISO, Carmel. This is
3 Don.

4 Alliant/Sue: Don, this is Sue with
5 Alliant Energy.

6 MISO/Don Hunter: Uh-huh.

7 Alliant/Sue: You guys are probably busy
8 over there, but I want to -- I issued an outage for
9 Edge IV that tripped. And somehow the timing there got
10 wrong. So I don't know if you want to correct that or
11 not. But it tripped at 1415.

12 MISO/Don Hunter: For Stewart IV? For
13 which one now?

14 Alliant/Sue: Edge IV.

15 MISO/Don Hunter: Okay. Edge IV.

16 (Whereupon, the foregoing matter was
17 adjourned.)

18

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1 **2003 08-14 CH25 OSP ENG 1644hrs.WAV**

2 MISO/Don Hunter: MISO, Carmel. This is
3 Don.

4 MECS/Jim: Don?

5 MISO/Don Hunter: Yeah?

6 MECS/Jim: Listen, this is Jim from MECS.

7 MISO/Don Hunter: Yeah, Jim?

8 MECS/Jim: I talked to Mike earlier. All
9 right? And because we've got some funky readings going
10 on down here, we're trying to go through and validate
11 them.

12 I originally told Mike that I had a
13 connection with FirstEnergy. And then I rescinded
14 that. What I'd like to do now is come back and verify
15 with you that I still am tied in to FirstEnergy.

16 MISO/Don Hunter: Okay.

17 MECS/Jim: All right? So the summation of
18 that is I'm tied in with the AEP. I'm tied on NIPSCO,
19 tied at FirstEnergy, and I'm tied across the straits.
20 And I have my Ontario ties are open.

21 : Okay. So right now they're all still
22 interconnected as far as Michigan is going.

23 MISO/Don Hunter: Okay.

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1 MECS/Jim: All right?

2 MISO/Don Hunter: So the only person
3 you're not tied with is IMO?

4 MECS/Jim: That's correct.

5 MISO/Don Hunter: Okay. Let me make sure
6 you're AEP. You're with FirstEnergy. Who else are you
7 tied with, now?

8 MECS/Jim: NIPSCO.

9 MISO/Don Hunter: NIPSCO. That's right.

10 MECS/Jim: And the straits over to
11 Wisconsin.

12 MISO/Don Hunter: Yeah. Okay.

13 MECS/Jim: WEC.

14 MISO/Don Hunter: All right. All right.
15 Do you want to verify that?

16 MECS/Jim: I have verified that.

17 MISO/Don Hunter: Okay. You have verified
18 it?

19 MECS/Jim: Yes, sir.

20 MISO/Don Hunter: All right. And you've
21 got a schedule that is with FirstEnergy for 200
22 megawatts. Is that the case?

23 MECS/Jim: Jamie, did you ever confirm

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1 that I have a schedule, a valid schedule, with
2 FirstEnergy right now, somewhere around 200 megawatts?

3 MECS/Jim: Yeah.

4 MECS/Jim: But we're not going to touch
5 that. We're going to leave that.

6 MISO/Don Hunter: Okay. Okay.

7 MECS/Jim: It's pretty tough to use a
8 schedule. Thanks, Chuck. Okay. We've got a 350.

9 MISO/Don Hunter: Okay. That's 350?

10 MECS/Jim: That's what Chuck just said,
11 yeah. He's over there looking at the other screen
12 right now.

13 MISO/Don Hunter: That's from FirstEnergy?

14 MECS/Jim: That would be --

15 MISO/Don Hunter: To?

16 MECS/Jim: That is to.

17 MISO/Don Hunter: Okay.

18 MECS/Jim: It's the --

19 MISO/Don Hunter: Okay.

20 MECS/Jim: I need some load.

21 MISO/Don Hunter: Yeah, yeah. Did you
22 guys figure out where your island was at?

23 MECS/Jim: Not yet.

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1 MISO/Don Hunter: Okay. Where your island
2 is at, I should say.

3 MECS/Jim: Yeah.

4 MECS/Jim: Okay. We're still looking.

5 MECS/Jim: It's fooling around in a boat,
6 I think.

7 MISO/Don Hunter: Okay.

8 MECS/Jim: Things are --

9 MISO/Don Hunter: Bye.

10 (Whereupon, the foregoing matter was
11 adjourned.)

12

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1 **2003 08-14 CH25 OSP ENG 1651hrs.WAV**

2 MISO/Don Hunter: MISO, Carmel. This is
3 Don.

4 MISO/Rich Cobb: Hi, Don. This is Rich.

5 MISO/Don Hunter: Hi, Rich.

6 MISO/Rich Cobb: I broke off the call
7 because I was kind of getting concerned about this
8 Arnold-Hazelton flow gate and whether nor not you guys
9 are going to reissue it in an hour.

10 MISO/Don Hunter: I may reissue it with no
11 cuts. We haven't figured that out yet.

12 MISO/Rich Cobb: Okay. Well, we --

13 MISO/Don Hunter: We're trying to get back
14 to it.

15 MISO/Rich Cobb: We're getting close on
16 the hour.

17 MISO/Don Hunter: I know it. I'm getting
18 phone calls and running around and trying to get back
19 to issuing TLR.

20 MISO/Rich Cobb: Yeah. I hear you. Okay.
21 Thanks.

22 MISO/Don Hunter: Bye.

23 (Whereupon, the foregoing matter was adjourned.)

24

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1 **2003 08-14 CH25 OSP ENG 1707hrs.WAV**

2 MISO/Norris Henderson: Norris, MISO.

3 MISO/Peter Schommer: Yeah. Norris, this
4 is Pete up in St. Paul.

5 MISO/Norris Henderson: Yes, sir?

6 MISO/Peter Schommer: Say, I was just
7 wondering if you guys needed us to help with anything
8 down there, run any studies or look in --

9 MISO/Norris Henderson: One second.

10 Jason?

11 MISO/Jason Marshall: Who is that?

12 MISO/Norris Henderson: St. Paul.

13 MISO/Jason Marshall: Huh?

14 MISO/Norris Henderson: St. Paul.

15 MISO/Jason Marshall: Just a second.

16 They're --

17 MISO/Jason Marshall: This is Jason.

18 MISO/Peter Schommer: Yeah, Jason. This
19 is Pete.

20 MISO/Jason Marshall: Hey, Pete. What's
21 up?

22 MISO/Peter Schommer: Not a whole -- well,
23 yes, it is. Yes, there is.

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1 MISO/Peter Schommer: I know what's up.

2 MISO/Jason Marshall: I was just wondering
3 if you needed us to do anything up here or get any
4 information or --

5 MISO/Peter Schommer: That's a very good
6 question, Pete.

7 MISO/Jason Marshall: Julie wanted me to
8 call. She hasn't heard from you in a while.

9 MISO/Peter Schommer: Yeah. Hey, Mike?
10 I'll tell you what, Pete. Let me -- things are running
11 crazy, as you might imagine, down here.

12 MISO/Jason Marshall: Right.

13 MISO/Peter Schommer: Let me talk to a
14 couple of folks and just make sure there's -- I think
15 we've got it covered at the moment.

16 MISO/Jason Marshall: Okay.

17 MISO/Peter Schommer: Let me just make
18 sure there's nothing going on. Oh, here he is. This
19 is Pete. He was calling at Julie's request. Is there
20 anything you can think of we can have them work on at
21 the moment? Okay.

22 MISO/Jason Marshall: We're good to go.
23 Just be ready in -- in case we need you.

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1 MISO/Peter Schommer: Okay. Just tell
2 them I'm here.

3 MISO/Jason Marshall: Hold your -- okay.
4 Mike was just pointing out I need to remind you that we
5 don't want anything unusual as far as outages go right
6 now, obviously.

7 MISO/Peter Schommer: Right.

8 MISO/Jason Marshall: So just, you know,
9 if something unusual starts happening, let us know. If
10 people start making unusual requests for outages, let
11 us know.

12 MISO/Peter Schommer: Yep.

13 MISO/Jason Marshall: Okay?

14 MISO/Peter Schommer: We'll do that.

15 MISO/Jason Marshall: All right. Thanks a
16 lot, Pete.

17 MISO/Peter Schommer: Yep.

18 MISO/Jason Marshall: Bye.

19 MISO/Peter Schommer: Bye bye.

20 (Whereupon, the foregoing matter was
21 adjourned.)
22

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1 **2003 08-14 CH25 OSP ENG 1718hrs.WAV**

2 MISO/Norris Henderson: Norris. MISO.

3 Cinergy/Jeffries: Yeah. This is Jeffries
4 over here at Cinergy at Plainfield.

5 MISO/Norris Henderson: Yes, sir?

6 Cinergy/Jeffries: And I need to talk to
7 somebody here. We're getting -- thinking about getting
8 ready to energize this 34517 line.

9 MISO/Norris Henderson: One second. Tim?

10 MISO/Tim Johns: This is Tim.

11 Cinergy/Jeffries: Hey, Tim?

12 MISO/Tim Johns: Yes, sir?

13 Cinergy/Jeffries: This is Bill over here
14 at Plainfield, Cinergy.

15 MISO/Tim Johns: Yes, sir?

16 Cinergy/Jeffries: And we're getting ready
17 to -- we're ready. We're ready over here to energize
18 this 34517 line --

19 MISO/Tim Johns: Okay.

20 Cinergy/Jeffries: -- and then close it in
21 a loop. Are you guys ready for us to do that?

22 MISO/Tim Johns: Can you give me a minute
23 and let somebody call you back in just a minute?

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1 Cinergy/Jeffries: Yeah.

2 MISO/Tim Johns: Have you got people
3 standing on site waiting on us?

4 Cinergy/Jeffries: Do what, now?

5 MISO/Tim Johns: Have you got people
6 standing there waiting or do you guys do that remote?

7 Cinergy/Jeffries: We do it remote, but
8 we've also got people there.

9 MISO/Tim Johns : Okay. Give me just a
10 minute. Somebody will call you back.

11 Cinergy/Jeffries: All right.

12 MISO/Tim Johns : All right? Thanks.

13 Cinergy/Jeffries: Thank you.

14 (Whereupon, the foregoing matter was
15 adjourned.)
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1 **2003 08-14 CH25 OSP ENG 1722hrs.WAV**

2 MISO/Ron Mihlbachler: MISO, Carmel. Ron.

3 First Energy/Dave: Yes. This is Dave
4 Huff, manager of control area operations from
5 FirstEnergy. I need to talk with somebody as far as
6 external status to the FirstEnergy control area. Is
7 there somebody there I can talk with?

8 MISO/Ron Mihlbachler: Yes. I can get one
9 of the reliability coordinators here for you.

10 First Energy/Dave: Okay. Thank you.

11 MISO/Ron Mihlbachler: Sure.

12 (Whereupon, the foregoing matter was
13 adjourned.)

14

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1 **2003 08-14 CH25 OSP ENG 1722hrs.a.WAV**

2 MISO/Tim Johns: This is Tim.

3 First Energy/Dave: This is Dave Huff,
4 from FirstEnergy.

5 MISO/Tim Johns: Yes, sir?

6 First Energy/Dave: I wanted to try to get
7 a status externally to FirstEnergy control area, what
8 the status is.

9 MISO/Tim Johns: Okay. Hang on just a
10 minute. Let me get my --

11 First Energy/Dave: Is Dave Zwergel
12 there?

13 MISO/Tim Johns: No, but I've got Ron
14 Goins.

15 First Energy/Dave: Okay. Can you get
16 Ron? Thank you.

17 MISO/Tim Johns: Yes, sir. Oh, okay.

18 MISO/Ron Goins: Hi, Dave.

19 First Energy/Dave: Hi, Ron.

20 MISO/Ron Goins: How are you doing?

21 First Energy/Dave: Oh, we're actually
22 doing okay right now. We are -- our mode right now is
23 energizing two power plants to get station serviced.

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1 MISO/Ron Goins: Right.

2 First Energy/Dave: And then we're in
3 basically our mode right now of system restoration.

4 MISO/Ron Goins: Right.

5 First Energy/Dave: What is the status
6 external to FirstEnergy currently?

7 MISO/Ron Goins: It appears that DTE is
8 completely off line. And as far as the MISO,
9 FirstEnergy and DTE are the two areas that are
10 affected. Now, I know that on around Lake Erie, there
11 are other problems as well.

12 First Energy/Dave: Okay.

13 MISO/Ron Goins: But Cinergy had some
14 problems earlier this morning. And then unrelated, we
15 had a couple of circuits trip over there unexpectedly
16 as well. But I was going to tell you -- I'll tell you
17 what. Rob Benbow has been on the phone with the NERC
18 hotline.

19 First Energy/Dave: Yeah.

20 MISO/Ron Goins: I've been trying to
21 supervise. He's been doing the work. Let me put him
22 on here for a minute because he could probably give you
23 a little bit better picture of what is going on than I

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1 could.

2 First Energy/Dave: Okay. What's his
3 name?

4 MISO/Ron Goins: Robert Benbow,
5 B-e-n-b-o-w.

6 First Energy/Dave: Okay.

7 MISO/Ron Goins: All right?

8 First Energy/Dave: All right.

9 MISO/Ron Goins: Hang on just a minute.

10 First Energy/Dave: All right. Thanks.

11 MISO/Rob Benbow: Hey, Dave.

12 First Energy/Dave: Hi.

13 MISO/Rob Benbow: Okay.

14 First Energy/Dave: I was just wondering
15 what the status was external to FirstEnergy currently.

16 MISO/Rob Benbow: Okay. Looking at
17 FirstEnergy -- okay. Your MECS ties, Bay Shore to
18 Monroe looks like it's out of service.

19 First Energy/Dave: Right.

20 MISO/Rob Benbow: Lemoyne to Majestic 345
21 line, right now we're seeing 34 megawatts on that.

22 First Energy/Dave: Yes.

23 MISO/Rob Benbow: Allen Junction to

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1 Majestic to Monroe looks like 163 megawatts.

2 First Energy/Dave: Yeah. We're aware of
3 the ties. Yeah. I guess what it -- as far as control
4 areas external, you know, adjacent to us, what their
5 status is.

6 MISO/Rob Benbow: Okay. MECS control
7 area, Detroit, DTE area is in the dark. Okay? It
8 looks like they are in the dark. As far as Ontario,
9 okay. We're looking at southern Ontario is out. They
10 have some islands. Niagara area is islanded. St.
11 Lawrence Island is islanded. And I think that
12 basically feeds into New York. Part of that does,
13 which --

14 First Energy/Dave: Okay. So basically
15 the IMO, there's pockets that are out?

16 MISO/Rob Benbow: Right. New England ISO
17 is also experiencing several outages, basically
18 southwestern Connecticut area. And their ties to New
19 York are down.

20 I don't know as far as your tie lines to
21 AEP.

22 First Energy/Dave: Do you know AEP's
23 status?

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1 MISO/Rob Benbow: Tan areas have
2 experienced some outages. And I am not sure exactly
3 all what is out on there. I've got another conference
4 call coming up with NERC here. PJM did not report
5 anything for AEP.

6 First Energy/Dave: What is PJM's status?

7 MISO/Rob Benbow: PJM has the -- what they
8 call -- basically your FirstEnergy tie lines are out.
9 Their tie lines with New York are out and what they
10 call northern power service area.

11 First Energy/Dave: Okay.

12 MISO/Rob Benbow: They lost other
13 generation in there and maybe -- I don't know if that
14 was 400 megawatts with the load and their 500 KV tie
15 line was out with --

16 First Energy/Dave: But they have no major
17 load off, PJM, as far as you know?

18 MISO/Rob Benbow: No. Just in the
19 northern power system.

20 First Energy/Dave: Okay.

21 MISO/Rob Benbow: That's all they reported
22 on the last conference call.

23 First Energy/Dave: Okay. Dayton Power

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1 and Light?

2 MISO/Rob Benbow: Dayton Power and Light.

3 The only thing that was reported from Dayton Power and
4 Light was Stewart. It looks like now Stewart IV was
5 off line.

6 First Energy/Dave: Okay.

7 MISO/Rob Benbow: That was it.

8 First Energy/Dave: Okay. But they're
9 pretty much intact?

10 MISO/Rob Benbow: As far as I know, no
11 transmission outages, just one unit four tripped off
12 line.

13 First Energy/Dave: Okay.

14 MISO/Rob Benbow: Let's see.

15 First Energy/Dave: All right. The MECS
16 area is the one. Okay.

17 MISO/Rob Benbow: We're going to have a
18 conference call here -- I don't know if Ron told you --
19 with MECS, I believe, here and Detroit and Consumers
20 Power to get a better picture of what we're seeing
21 there.

22 First Energy/Dave: Okay. We've got --
23 currently we're in system restoration mode.

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1 MISO/Rob Benbow: Okay. I would -- I
2 mean, we have your Black Start plans here. I mean, I'm
3 not sure -- it's all good on paper. You will have to
4 keep us up to date on there just before we -- you know,
5 I know you are probably going to bring up an island.
6 But before we do any connection outside, at least make
7 sure that we're involved with that so we --

8 First Energy/Dave: Yeah. We're not -- at
9 this point, we're just working internally.

10 MISO/Rob Benbow: Right. Okay.

11 First Energy/Dave: So will do.

12 MISO/Rob Benbow: Okay. I don't -- and
13 then yes, we did get -- let's see. Is that from
14 FirstEnergy? I guess there was only three generating
15 plants left on line. Is that still true?

16 First Energy/Dave: No. We restored
17 station service to two others. And we're trying to get
18 units on line there as well. So --

19 MISO/Rob Benbow: Where is that at?

20 First Energy/Dave: East Lake.

21 MISO/Rob Benbow: East Lake?

22 First Energy/Dave: Yeah. We've restored
23 station power to them and trying to get East Lake

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1 generation on.

2 MISO/Rob Benbow: Okay.

3 First Energy/Dave: Ashtabula. We're in
4 the process of getting -- doing the same thing, getting
5 -- we're in the process of getting station service on
6 there.

7 MISO/Rob Benbow: Okay.

8 First Energy/Dave: We just started the
9 process of getting our Berger power plant station
10 service. We have not yet, but we are in that process
11 now.

12 MISO/Rob Benbow: Thank you.

13 First Energy/Dave: And we have pockets
14 that are okay. It's just basically bringing in more
15 generation and slowly bringing some load on line --

16 MISO/Rob Benbow: Okay.

17 First Energy/Dave: -- in that regard.

18 MISO/Rob Benbow: Okay.

19 First Energy/Dave: So that's about it
20 right now.

21 MISO/Rob Benbow: What's your last name
22 there, Doug?

23 First Energy/Dave: Dave Huff.

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1 MISO/Rob Benbow: Dave I mean. Dave Huff.
2 Okay. All right.

3 First Energy/Dave: And, Rob, you work for
4 MISO, correct?

5 MISO/Rob Benbow: Yeah, MISO.

6 First Energy/Dave: Okay.

7 MISO/Rob Benbow: One of the reliability
8 leads here.

9 First Energy/Dave: Okay. I'm manager of
10 transmission operations here at FirstEnergy. So that's
11 where we're at right now.

12 MISO/Rob Benbow: All right. Okay. Well,
13 we're trying. The biggest thing -- I don't know if
14 we're actually trying to pinpoint maybe what started
15 this.

16 There were -- we were on the phone with
17 FirstEnergy prior -- just prior to this outage. And
18 there were I think three 345 lines that were reported
19 being out of service. And if there is any way that you
20 could get us the exact times of them three 345 lines?

21 First Energy/Dave: I could try. Right
22 now we're focusing on restoration. I can --

23 MISO/Rob Benbow: Right. And that -- I

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1 guess, really, what we're trying to do is on the NERC
2 hotline call, we're trying to establish between all of
3 these outages, trying to establish a time frame of what
4 tripped so we can maybe pinpoint a cause.

5 Right now no one has an idea. So they're
6 not ruling anything out, and that's including sabotage.

7 So they're trying to figure out, you know, what kind
8 of, you know, steps to take, you know, after this. So
9 if we can try to determine a root cause here, that
10 would be helpful.

11 First Energy/Dave: Okay. I will contact,
12 be in contact, back with you, then.

13 MISO/Rob Benbow: Okay.

14 First Energy/Dave: Okay. Thanks, Rob.

15 MISO/Rob Benbow: All right. Thanks,
16 Dave.

17 First Energy/Dave: Yep.

18 MISO/Rob Benbow: Bye.

19 (Whereupon, the foregoing matter was
20 adjourned.)
21

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1 **2003 08-14 CH25 OSP ENG2 1535hrs.WAV**

2 MISO/Kevin Sherd: A lot of strange things
3 can happen when power starts fluctuating all over the
4 place.

5 SPEAKER: You have reached mailbox number
6 [PRIVATE NO.].

7 (Whereupon, the foregoing matter was
8 adjourned.)

9

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1 **2003 08-14 CH25 OSP ENG2 1538hrs.WAV**

2 (Personal Conversation)

3

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1 **2003 08-14 CH25 OSP ENG2 1700hrs.WAV**

2 MISO/Ron Mihlbachler: MISO, Carmel. Ron.

3 MISO/Bryce Leppek: Hey, Ron. Bryce.

4 MISO/Ron Mihlbachler: Yes, Bryce?

5 MISO/Bryce Leppek: What's going on?

6 MISO/Ron Mihlbachler: Oh, not much.

7 We're still on the recovery.

8 MISO/Bryce Leppek: Yeah. What's the plan
9 here? Is this a Black Start thing or what?

10 MISO/Ron Mihlbachler: For -- like for New
11 York, it is. I guess FirstEnergy is rerouting power to
12 their -- to the nukes, --

13 MISO/Bryce Leppek: Okay.

14 MISO/Ron Mihlbachler: -- trying to get to
15 them. They had -- they dumped a lot of load.

16 MISO/Bryce Leppek: I imagine. I mean,
17 why didn't -- I don't understand how this load didn't
18 get done before this went too far.

19 MISO/Ron Mihlbachler: Yeah.

20 MISO/Bryce Leppek: What situation was the
21 choice? Did they lose their IMO ties or --

22 MISO/Ron Mihlbachler: Yeah. I think --
23 well, I think the whole Toronto is out.

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1 MISO/Bryce Leppek: The what?

2 MISO/Ron Mhlbachler: The whole area of
3 Toronto is out.

4 MISO/Bryce Leppek: Uh-huh, right.

5 MISO/Ron Mhlbachler: Yeah.

6 MISO/Bryce Leppek: That caused voltages
7 to get that far over even into the Detroit ties?

8 MISO/Ron Mhlbachler: Yeah, yeah. I
9 think they had -- FirstEnergy had lost I guess three
10 345 lines.

11 MISO/Bryce Leppek: Oh, really?

12 MISO/Ron Mhlbachler: Yeah.

13 MISO/Bryce Leppek: Is this before the
14 event?

15 MISO/Ron Mhlbachler: Right.

16 MISO/Bryce Leppek: Okay. Interesting.
17 So that did the 345s, huh?

18 MISO/Ron Mhlbachler: Yeah. Then I think
19 there's a lot of areas that all seem to have problems
20 about the same time. I think Cinergy -- it all started
21 off about I think 11:00 o'clock. Cinergy had a 345
22 line trip as well as a 230 and a -- I guess, what, a
23 138 they took out. Plus, another 138 line had tripped.

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1 MISO/Bryce Leppek: Wow.

2 MISO/Ron Mihlbachler: And they thought
3 they had a phase-down on the 230 line. And they
4 weren't sure about the other problems. And then I
5 guess we had a couple of other reports about, you know,
6 trees down on line, some couple of 345 lines.

7 And then pretty soon there was more -- you
8 know, stuff started to roll in. We thought, "Oh, it
9 must be a terrorist attack or something with all of
10 these outages going on at the same time," coming in
11 from everywhere.

12 MISO/Bryce Leppek: Right. Interesting.
13 Oh, wow. You guys have got it sort of under control
14 there?

15 MISO/Ron Mihlbachler: Yeah. Jason has
16 called Tim to put him on a standby.

17 MISO/Bryce Leppek: Okay.

18 MISO/Ron Mihlbachler: And so it might be
19 a good thing for you, too. Norris and I are going to
20 stick around tonight, too.

21 MISO/Bryce Leppek: Yeah. Well, I'm in
22 the area. So --

23 MISO/Ron Mihlbachler: Okay. Cool.

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1 MISO/Bryce Leppek: Is anybody there on
2 extra, too?

3 MISO/Ron Mihlbachler: Yeah. Norris is
4 here on extra.

5 MISO/Bryce Leppek: Oh, okay.

6 MISO/Ron Mihlbachler: So he is going to
7 stick around, too.

8 MISO/Bryce Leppek: All right. So nothing
9 real, too -- I mean, you are set on 765s?

10 MISO/Ron Mihlbachler: What did you say?

11 MISO/Bryce Leppek: Set on 765s?

12 MISO/Ron Mihlbachler: Well, I think
13 FirstEnergy lost, what, 7,000 megawatts of load.

14 MISO/Bryce Leppek: What I mean, was there
15 any TLR 5s out or anything or EEAs out or --

16 MISO/Ron Mihlbachler: No, nothing like
17 that.

18 MISO/Bryce Leppek: Wow. I mean, it just
19 came up that quick?

20 MISO/Ron Mihlbachler: Oh, yeah.

21 MISO/Bryce Leppek: No time to cut any
22 firm or anything?

23 MISO/Ron Mihlbachler: No, not really.

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1 Well, I think what they're doing right now is they are
2 allowing FirstEnergy to have to implement the Black
3 Star plans and come back on line. And they have -- I
4 think they have cut all of the ties and all of the
5 schedules to or from, you know, to or from FirstEnergy.

6 MISO/Bryce Leppek: So we can blame Canada
7 on this one? Is that what we're getting at?

8 MISO/Ron Mihlbachler: I've got no idea.
9 I think New York went out. I'm sure that made a big,
10 pretty big dent into the -- quite a few generators
11 popped out for like an over-frequency.

12 MISO/Bryce Leppek: Oh, yeah?

13 MISO/Ron Mihlbachler: Yeah.

14 MISO/Bryce Leppek: Wow. Interesting,
15 interesting.

16 MISO/Ron Mihlbachler: Yeah.

17 MISO/Bryce Leppek: All right. I just
18 wanted to see what was going on, make sure you had it
19 under control. I didn't know if you had an extra in
20 today or not.

21 MISO/Ron Mihlbachler: Oh, yeah. Yeah.
22 This is too much beyond me. I guess the control room
23 experience told people.

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1 MISO/Bryce Leppek: I imagine. What the
2 hell? Well, what is going on? PJM has got to be all
3 over the place.

4 MISO/Ron Mihlbachler: Yeah.

5 MISO/Bryce Leppek: That's all I can think
6 of, is we're not PJM.

7 MISO/Ron Mihlbachler: Oh, yeah.

8 MISO/Bryce Leppek: All right. Sort of
9 not much you can do. You just kind of sit and wait
10 right now.

11 MISO/Ron Mihlbachler: Yep, yep. I think
12 Jason said, "Don't worry about it. We're going to get
13 the next day report done tonight." I'm like, "Okay,"
14 not even going on the next day case done tonight. I
15 figure we've got too much --

16 MISO/Bryce Leppek: Yeah. Days are going
17 by quick, though, huh?

18 MISO/Ron Mihlbachler: Oh, yeah. Right.

19 MISO/Bryce Leppek: Well, all right. I'll
20 let you get back to whatever.

21 MISO/Ron Mihlbachler: Okay.

22 MISO/Bryce Leppek: All right.

23 MISO/Ron Mihlbachler: Talk to you later.

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1 MISO/Bryce Leppek: All right.

2 MISO/Ron Mhlbachler: Yeah. Bye.

3 (Whereupon, the foregoing matter was

4 adjourned.)

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1 **2003 08-14 CH25 OSP ENG2 1718hrs.WAV**

2 MISO/Norris Henderson: Hello. It's MISO.

3 SPEAKER: Yeah. Could I speak to someone
4 in scheduling, please?

5 SPEAKER: This is scheduling.

6 SPEAKER: Yeah. This is --

7 MISO/Norris Henderson: Let's give him
8 your telephone number. Let's give him your telephone
9 number. [PRIVATE NO.]?

10 (Whereupon, the foregoing matter was
11 adjourned.)

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